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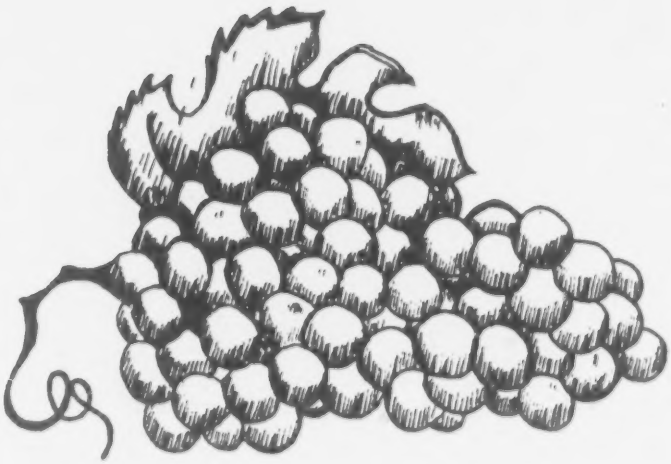
CALIFORNIA GRAPES, RAISINS, & WINE 1980



Production and Marketing

Federal – State Market News Service
California Crop and Livestock Reporting Service

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PREFACE

This annual summary contains production and marketing information on California grapes, raisins, and wine for 1980 with some historical data added for comparative purposes. The publication combines data as reported separately by the California Crop and Livestock Reporting Service and the Federal-State Market News Service. Additional copies may be obtained from these agencies at the addresses shown below.

The information compiled for this bulletin was made possible by the cooperation of many involved in the production and marketing of grapes and grape products. Their assistance is greatly appreciated.

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Department of Food & Agriculture
Division of Marketing Services

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and the
Agricultural Marketing Service

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October 1981

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1980 California Grape Acreage

Major Producing Areas

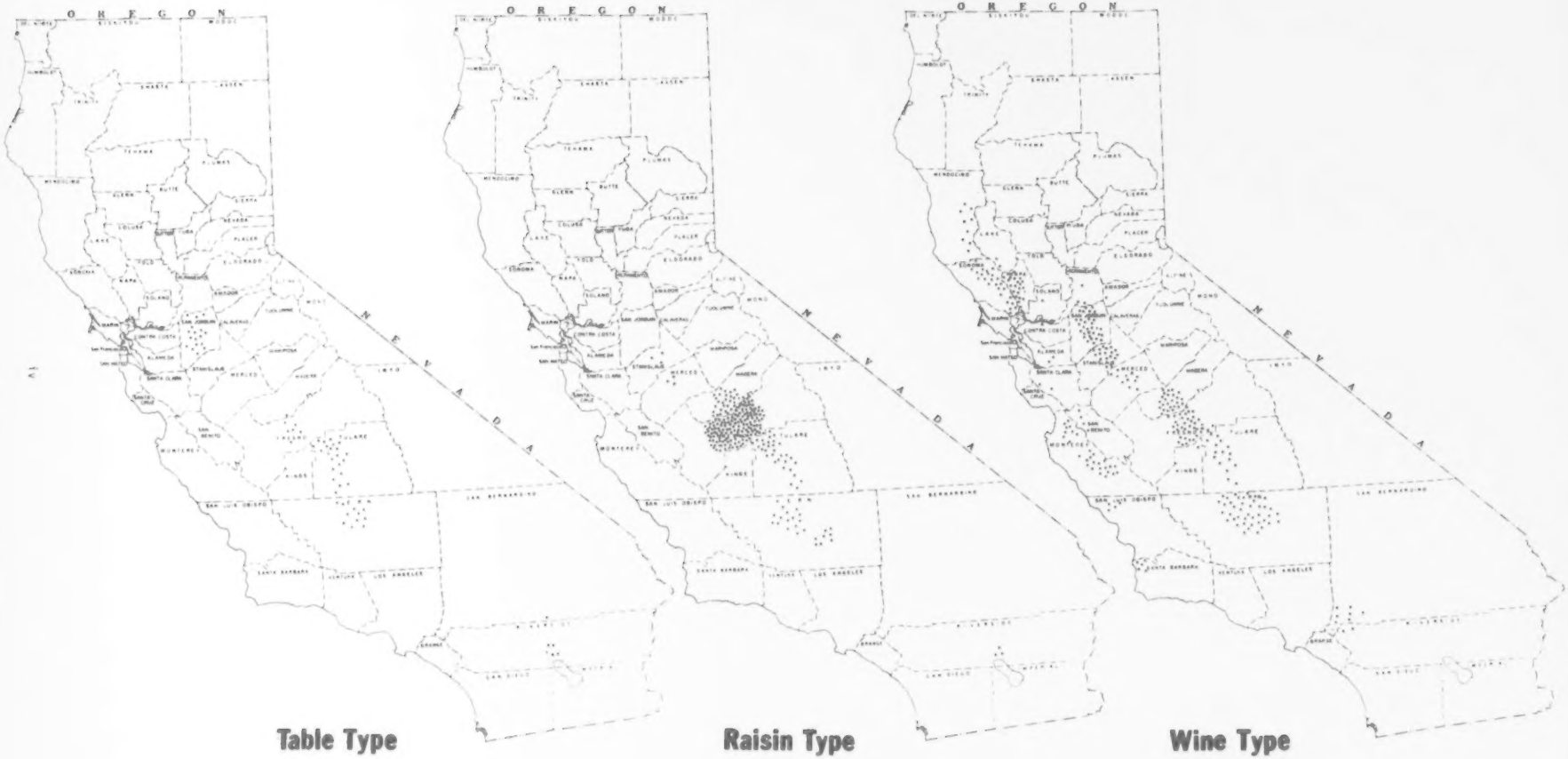

Table Type

Acreage Distribution
1 dot = 1,000 acres
Total Bearing Acres -- 62 506

Raisin Type

Acreage Distribution
1 dot = 1,000 acres
Total Bearing Acres -- 243 438

Wine Type

Acreage Distribution
1 dot = 1,000 acres
Total Bearing Acres -- 290 686

Table 1. GRAPES: Production, Price and Value, By State, 1978-80

State	Total Production			Utilized Production			Price Per Ton 2/			Value of Utilized Production		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
	Tons			Tons			Dollars			1,000 Dollars		
Arizona	14,300	13,500	12,400	14,300	13,500	12,400	943.00	930.00	1,170.00	13,485	12,555	14,508
Arkansas	8,200	8,200	6,600	8,200	8,200	6,600	217.00	161.00	170.00	1,779	1,320	1,122
CALIFORNIA	4,017,000	4,558,000	5,124,000	3,769,000	4,558,000	5,124,000	232.00	236.00	240.00	874,307	1,073,647	1,231,102
Michigan	67,500	58,500	49,500	67,500	58,500	49,500	223.00	237.00	250.00	15,053	13,865	12,375
Missouri	3,300	4,500	4,200	3,300	4,500	4,200	231.00	310.00	257.00	762	1,395	1,079
New York	188,000	165,000	175,000	188,000	165,000	175,000	244.00	236.00	217.00	45,872	38,940	37,975
N. Carolina	6,800	5,800	5,800	5,900	5,500	5,500	300.00	258.00	276.00	1,770	1,419	1,518
Ohio	12,000	12,000	12,000	12,000	12,000	12,000	212.00	207.00	173.00	2,544	2,484	2,076
Pennsylvania	57,500	55,500	56,000	57,500	55,500	56,000	232.00	218.00	167.00	13,340	12 099	9,352
Washington	187,000	102,800	145,100	187,000	102,800	145,100	191.00	204.00	178.00	35,717	20,971	25,828
Other States 1/	5,100	5,200	4,500	5,100	5,200	4,500	228.00	295.00	388.00	1,165	1,533	1,746
United States	4,566,700	4,989,000	5,595,100	4,317,800	4,988,700	5,594,800	233.00	237.00	239.00	1,005,794	1,180,228	1,338,681

1/ Georgia and South Carolina.
2/ Price derived from unrounded data for California all varieties and raisin varieties.

Table 2. GRAPES: Acreage, Production , Price and Value, California, 1976-80

Crop	Year	Bearing Acres	Total Production			Value of Utilized Production		
			Metric Tons	Short Tons	Per Bearing Acres	Grower Return Per Short Ton	Price Per Short Ton	Total Value
					Short Tons	Dollars		
Grapes, All	1976 1/	600,475	3,608,000	3,978,000	6.62	152.00	152.00	561,289
	1977	622,464	3,616,000	3,986,000	6.40	189.00	190.00	757,909
	1978 2/	616,597	3,644,000	4,017,000	6.51	232.00	232.00	874,307
	1979	593,865	4,135,000	4,558,000	7.68	235.00	236.00	1,073,647
	1980	596,630	4,648,000	5,124,000	8.59	240.00	240.00	1,231,102
Raisin Type	1976 1/	243,120	2,041,000	2,250,000	9.25	149.00	150.00	293,476
	1977	241,059	1,755,000	1,935,000	8.03	182.00	183.00	353,112
	1978 2/	240,446	1,740,000	1,918,000	7.98	228.00	229.00	381,641
	1979	239,523	2,105,000	2,320,000	9.68	238.00	239.00	554,683
	1980	243,438	2,442,000	2,692,000	11.06	236.00	236.00	634,782
Table Type	1976	64,709	367,000	405,000	6.26	217.00	217.00	87,885
	1977	63,487	443,000	488,000	7.69	269.00	269.00	131,272
	1978	62,497	357,000	393,000	6.29	342.00	342.00	134,406
	1979	61,839	378,000	417,000	6.74	310.00	310.00	129,270
	1980	62,506	388,000	428,000	6.85	410.00	410.00	175,480
Wine Type	1976	292,646	1,200,000	1,323,000	4.52	136.00	136.00	179,928
	1977	317,918	1,418,000	1,563,000	4.92	175.00	175.00	273,525
	1978	313,654	1,548,000	1,706,000	5.44	210.00	210.00	358,260
	1979	292,503	1,652,000	1,821,000	6.23	214.00	214.00	389,694
	1980	290,686	1,818,000	2,004,000	6.89	210.00	210.00	420,840

1/ Raisin and all grape total production includes 293,000 fresh tons (65,000 dry tons) laid for raisins, but not harvested due to severe weather damage.
2/ Raisin and all grape production includes 248,000 fresh tons (55,000 dry tons) laid for raisins, but not harvested due to severe weather damage

Source: California Crop and Livestock Reporting Service.

Table 3. GRAPES: Utilization of Production, California, 1976-80

Crop	Year	Total Utilized Production	For Fresh Market	For Processing					
				Total	Canned	Crushed	Frozen	Dried (fresh basis)	Dried Basis
		Short Tons							
Grapes, All	1976	3,685,000	441,500	3,243,500	48,000	2,213,000	---	982,500	218,400
	1977	3,986,000	461,000	3,525,000	54,000	2,337,000	---	1,134,000	248,900
	1978	3,769,000	412,000	3,357,000	55,000	2,543,000	---	759,000	172,475
	1979	4,558,000	500,000	4,058,000	60,000	2,617,100	---	1,380,900	303,390
	1980	5,124,000	545,000	4,579,000	63,000	2,896,000	---	1,620,000	310,550
Raisin Type	1976 1/	1,957,000	173,000	1,784,000	48,000	755,000	---	981,000	218,000
	1977	1,935,000	155,000	1,780,000	54,000	594,000	---	1,132,000	248,300
	1978 2/	1,670,000	155,000	1,515,000	55,000	702,000	---	758,000	172,200
	1979	2,320,000	184,000	2,136,000	60,000	700,000	---	1,376,000	302,000
	1980	2,692,000	239,000	2,453,000	63,000	778,000	---	1,612,000	309,000
Table Type	1976	405,000	188,500	216,500	---	215,000	---	1,500	400
	1977	488,000	205,000	283,000	---	281,000	---	2,000	600
	1978	393,000	192,000	201,000	---	200,000	---	1,000	275
	1979	417,000	228,000	189,000	---	184,100	---	4,900	1,090
	1980	428,000	224,000	204,000	---	196,000	---	8,000	1,550
Wine Type	1976	1,323,000	80,000	1,243,000	---	1,243,000	---	---	---
	1977	1,563,000	101,000	1,462,000	---	1,462,000	---	---	---
	1978	1,706,000	65,000	1,641,000	---	1,641,000	---	---	---
	1979	1,821,000	88,000	1,733,000	---	1,733,000	---	---	---
	1980	2,004,000	82,000	1,922,000	---	1,922,000	---	---	---

1/ Breakdown of the total 1976 raisin grapes for raisins is as follows: 141,500 dry tons (636,700 fresh tons) for human consumption at $1,050.00 per dry ton and 76,500 dry tons (344,300 fresh tons) for distilling at $70 30 per dry ton. There was an additional 65,000 dry tons (293,000 fresh tons) lost due to rain.

2/ Breakdown of the total 1978 raisin grapes for raisins is as follows: 107,200 dry tons (471,680 fresh tons) for human consumption at $1,547.00 per dry ton and 65,000 dry tons (286,000 fresh tons) for distilling at $101.00 per dry ton. There was an additional 56,300 dry tons (248,000 fresh tons) lost due to rain.

Source: California Crop and Livestock Reporting Service.

Table 4. GRAPES: Average Grower Returns Per Short Ton, By Utilization, California, 1976-80

Crop	Year	For Fresh Market	For Processing					
			Total	Canned	Crushed	Frozen	Dried (fresh basis)	Dried Basis
		Dollars						
Grapes, All	1976	362.00	126.00	137.00	112.00	---	157.00	707.00
	1977	427.00	158.00	159.00	146.00	---	184.00	840.00
	1978	483.00	201.00	214.00	188.00	---	243.00	1,068.00
	1979	402.00	215.00	228.00	194.00	---	253.00	1,151.00
	1980	548.00	204.00	229.00	188.00	---	230.00	1,198.00
Raisin Type	1976 1/	400.00	126.00	137.00	83.60	---	157.00	706.00
	1977	487.00	155.00	159.00	99.80	---	184.00	840.00
	1978 2/	500.00	200.00	214.00	153.00	---	243.00	1,067.00
	1979	464.00	219.00	228.00	151.00	---	253.00	1,151.00
	1980	571.00	203.00	229.00	144.00	---	230.00	1,198.00
Table Type	1976	369.00	84.20	---	82.80	---	280.00	1,050.00
	1977	502.00	101.00	---	99.60	---	264.00	878.00
	1978	552.00	142.00	---	140.00	---	481.00	1,750.00
	1979	436.00	158.00	---	155.00	---	267.00	1,200.00
	1980	649.00	147.00	---	144.00	---	224.00	1,120.00
Wine Type	1976	165.00	134.00	---	134.00	---	---	---
	1977	183.00	174.00	---	174.00	---	---	---
	1978	240.00	209.00	---	209.00	---	---	---
	1979	184.00	215.00	---	215.00	---	---	---
	1980	203.00	210.00	---	210.00	---	---	---

1/ Breakdown of the total 1976 raisin grapes for raisins is as follows: 141,500 dry tons (636.700 fresh tons) for human consumption at $1,050.00 per dry ton and 76,500 dry tons (344,300 fresh tons) for distilling at $70.30 per dry ton. There was an additional 65,000 dry tons (293.000 fresh tons) lost due to rain.

2/ Breakdown of the total 1978 raisin grapes for raisins is as follows: 107,200 dry tons (471,680 fresh tons) for human consumption at $1,547.00 per dry ton and 65,000 dry tons (286,000 fresh tons) for distilling at $101.00 per dry ton. There was an additional 56,300 dry tons (248,000 fresh tons) lost due to rain.

Source: California Crop and Livestock Reporting Service.

Table 5. ALL GRAPES: Acreage standing by type, by year planted, California

Variety	1971 and earlier	1972	1973	1974	1975	1976	1977	1978	1979	1980	Bearing	Non-bearing 1/	Total
	Acres										Acres		
Raisin	223,280	3,144	5,158	2,762	2,990	2,301	3,803	6,925	11,351	11,369	243,438	29,645	273,083
Table	51,453	2,178	3,010	1,716	906	1,160	2,083	2,688	3,922	3,979	62,506	10,589	73,095
Wine	144,348	50,377	49,477	29,816	7,993	3,555	5,120	11,105	19,863	15,187	290,686	46,155	336,841
Grapes excluding rootstock	419,081	55,699	57,645	34,294	11,889	7,016	11,006	20,718	35,136	30,535	596,630	86,389	683,019
Rootstock	81	14	17	99	19	12	89	58	396	188	---	---	973
ALL GRAPES	419,162	55,713	57,662	34,393	11,908	7,028	11,095	20,776	35,532	30,723	---	---	683,992

1/ Nonbearing includes plantings in 1978, 1979, and 1980.

Source: California Crop and Livestock Reporting Service.

Table 6. RAISIN TYPE GRAPES: Acreage standing, by variety, by year planted, California

Variety	1971 and earlier	1972	1973	1974	1975	1976	1977	1978	1979	1980	Bearing	Non-bearing 1/	Total
	Acres										Acres		
Black Corinth 2/	1,557	2	---	3	---	27	---	10	26	---	1,589	36	1,625
Canner 3/	62	---	---	---	---	---	---	---	---	---	62	---	62
Fiesta	---	3	2	62	57	83	28	130	56	60	235	246	481
Muscat of Alexandria	8,179	560	1,297	183	30	6	23	210	125	45	10,278	380	10,658
Sultana	660	---	---	---	---	---	---	---	---	---	660	---	660
Thompson Seedless	212,801	2,560	3,859	2,513	2,903	2,185	3,745	6,566	11,126	11,255	230,566	28,947	259,513
Other Raisin	21	19	---	1	---	---	7	9	18	9	48	36	84
TOTAL RAISIN	223,280	3,144	5,158	2,762	2,990	2,301	3,803	6,925	11,351	11,369	243,438	29,645	273,083

1/ Nonbearing includes plantings for 1978, 1979, and 1980.
2/ Same as Zante Currant.
3/ Same as Thompson Canners or Canner Seedless.
Source: California Crop and Livestock Reporting Service.

Table 7. TABLE TYPE GRAPES: Acreage standing, by variety, by year planted, California

Variety	1971 and earlier	1972	1973	1974	1975	1976	1977	1978	1979	1980	Bearing	Non-bearing 1/	Total
	Acres										Acres		
Almeria	609	14	---	3	---	---	16	10	28	10	642	48	690
Beauty Seedless	54	41	---	---	12	31	---	---	---	6	138	6	144
Berenda Red	67	7	---	18	---	---	---	2	---	---	92	2	94
Black Monukka	253	60	18	62	18	8	35	55	63	---	454	118	572
Black Morocco	10	---	---	---	---	---	---	---	40	14	10	54	64
Black Prince	81	---	---	---	---	---	---	---	---	---	81	---	81
Calmeria	2,967	98	290	25	79	27	89	165	106	215	3,575	486	4,061
Cardinal	1,740	41	158	11	24	25	61	42	18	---	2,060	60	2,120
Concord	63	---	---	---	---	---	---	---	---	---	63	---	63
Emperor	15,467	1,154	1,034	707	171	300	355	367	683	986	19,188	2,036	21,224
Exotic	383	102	202	82	76	55	48	98	139	49	948	286	1,234
Flame Seedless	19	---	1	13	56	177	89	557	906	1,579	355	3,042	3,397
Flame Tokay	17,520	58	9	3	12	19	133	118	270	58	17,754	446	18,200
Golden Muscat	86	---	---	---	---	---	---	---	---	---	86	---	86
Italia	902	---	11	19	5	4	---	19	20	---	941	39	980
King Ruby	---	---	---	13	---	10	5	10	65	21	28	96	124
Malaga 2/	2,110	226	415	51	---	---	52	4	105	168	2,854	277	3,131
Niabell	80	---	---	---	---	---	---	---	---	---	80	---	80
Perlette	3,188	109	298	62	49	375	322	238	728	365	4,402	1,331	5,733
Queen	206	30	224	5	20	20	23	106	62	58	528	226	754
Red Malaga	493	72	28	13	---	9	---	---	---	---	615	---	615
Ribier	4,781	59	104	202	140	34	51	57	33	8	5,371	98	5,469
Richards Blue	3	8	92	---	---	---	---	---	---	---	103	---	103
Rose-Ito	---	---	---	4	3	---	---	31	40	10	7	81	88
Ruby Seedless	51	---	9	108	96	48	500	376	363	197	812	936	1,748
Superior Seedless	---	99	108	300	143	---	253	428	248	219	903	895	1,798
Thornsburgs Robin	70	---	---	---	---	---	---	---	---	---	70	---	70
Other Table	250	---	9	15	3	18	51	5	5	16	346	26	372
TOTAL TABLE	51,453	2,178	3,010	1,716	906	1,160	2,083	2,688	3,922	3,979	62,506	10,589	73,095

1/ Nonbearing includes plantings for 1978, 1979, and 1980.
2/ Same as White Malaga.
Source: California Crop and Livestock Reporting Service.

TABLE 8. WINE TYPE GRAPES: Acreage standing, by variety, by year planted, California

Variety	1971 and earlier	1972	1973	1974	1975	1976	1977	1978	1979	1980	Bearing	Non-Bearing 1/	Total
	Acres										Acres		
Aleatico	169	---	---	---	---	---	---	---	---	---	169	---	169
Alicante Bouschet	4,027	302	126	52	123	11	260	7	45	3	4,901	55	4,956
America	10	---	---	---	---	11	---	84	---	7	21	91	112
Aramon	71	---	---	---	---	---	---	---	---	---	71	---	71
Barbera	7,499	6,590	3,740	1,028	357	32	21	---	3	35	19,267	38	19,305
Beclan	69	7	---	---	---	---	---	---	---	---	76	---	76
Black Malvoisie	502	7	---	---	---	---	---	---	---	---	509	---	509
Burger	1,438	111	10	74	4	---	14	---	22	124	1,651	146	1,797
Cabernet Franc	30	---	---	10	24	5	7	21	51	8	76	80	156
Cabernet Sauvignon	6,671	3,837	5,283	4,716	528	340	384	349	311	392	21,759	1,052	22,811
Carignane	19,917	2,493	1,836	395	165	217	88	79	76	27	25,111	182	25,293
Carnelian	---	18	256	2,144	291	---	40	---	---	---	2,749	---	2,749
Centurion	---	---	---	155	880	---	---	---	---	---	1,035	---	1,035
Charbono	21	---	1	7	15	---	2	2	35	13	46	50	96
Chardonnay	3,194	1,570	2,663	2,564	832	561	861	1,626	1,934	1,228	12,245	4,788	17,033
Chenin Blanc	9,666	4,756	3,105	1,601	350	459	1,192	2,660	5,307	3,183	21,129	11,150	32,279
Early Burgundy	314	---	103	140	5	10	---	---	---	---	572	---	572
Emerald Riesling	1,103	275	851	354	---	---	---	81	15	153	2,583	249	2,832
Feher Szagos	300	---	---	---	---	---	---	---	---	---	300	---	300
Flora	189	1	182	---	---	---	---	---	---	---	372	---	372
Folle Blanche	223	---	---	73	55	---	---	3	---	---	351	3	354
French Colombard	20,128	3,501	2,312	553	17	261	612	2,637	8,227	6,004	27,384	16,868	44,252
Gamay 2/	1,385	611	1,252	1,037	266	79	27	5	57	32	4,657	94	4,751
Gamay Beaujolais	1,880	714	523	711	120	26	6	10	4	---	3,980	14	3,994
Gewürztraminer	615	401	701	517	243	44	167	322	365	270	2,688	957	3,645
Grand Noir	91	---	---	---	---	---	---	---	---	---	91	---	91
Gray Riesling	775	179	467	260	71	34	31	267	127	213	1,817	607	2,424
Green Hungarian	256	41	10	---	---	3	42	4	11	45	352	60	412
Grenache	10,986	2,909	1,355	1,272	137	40	65	64	92	640	16,764	796	17,560
Grignolino	42	---	6	---	7	---	---	---	---	---	55	---	55
Malbec	7	---	41	---	8	---	---	---	---	1	56	1	57
Malvasia Bianca	276	131	280	67	---	---	---	---	---	77	754	77	831
Mataro	925	---	---	---	---	---	5	---	---	---	930	---	930
Merlot	437	340	694	928	74	107	12	10	33	32	2,592	75	2,667
Mission	3,494	84	4	---	45	27	---	27	5	---	3,654	32	3,686
Muscat Blanc 3/	445	96	154	60	198	55	25	197	50	117	1,033	364	1,397
Muscat Hamburg	19	---	47	---	---	---	---	---	3	---	66	3	69
Nebbiolo	472	28	---	---	---	---	---	---	---	---	500	---	500
Palomino 4/	3,620	44	15	---	4	16	3	24	13	7	3,702	44	3,746
Pedro Ximenes	208	---	---	---	---	---	---	---	---	---	208	---	208
Perelli 101	128	---	---	---	---	---	---	---	---	---	128	---	128
Petite Sirah	3,771	2,307	2,961	1,469	333	89	131	84	86	23	11,061	193	11,254
Peverella	5	---	223	187	5	---	---	---	---	---	420	---	420
Pinot Blanc	635	334	199	209	16	39	58	223	23	164	1,520	410	1,930
Pinot Noir	3,430	1,611	2,265	1,608	224	62	24	69	57	52	9,224	178	9,402
Pinot St. George	359	140	12	100	20	3	---	---	4	---	634	4	638
Red Veltliner	65	---	---	---	---	---	---	---	---	---	65	---	65
Refosco 5/	71	---	---	---	---	32	---	---	---	---	103	---	103
Royalty	1,471	399	302	74	---	---	---	---	---	---	2,246	---	2,246
Rubired	2,551	3,184	4,377	336	57	52	4	10	34	53	10,561	97	10,658
Ruby Cabernet	4,920	6,138	4,126	1,177	543	10	12	---	5	4	16,926	9	16,935
Salvador	982	408	1,074	17	3	18	---	---	45	32	2,502	77	2,579
Sauvignon Blanc	1,039	452	749	950	288	293	400	1,116	1,044	938	4,171	3,098	7,269
Sauvignon Vert	519	5	1	---	---	---	---	---	2	---	526	2	528
Sémillon	1,453	22	404	68	11	36	15	13	64	62	2,709	139	2,848
Souzão	120	35	42	---	---	---	---	---	---	---	197	---	197
St. Émilion 6/	805	195	82	64	16	11	---	---	---	---	1,173	---	1,173
St. Macaire	98	29	1	10	6	---	---	---	---	---	144	---	144
Sylvaner 7/	748	256	147	68	---	---	---	127	19	46	1,219	192	1,411
Syrah French	4	---	---	---	24	6	26	8	7	6	60	21	81
Tinta Madeira	301	50	298	---	---	---	---	---	---	9	649	9	658
Valdepeñas	1,330	59	248	225	---	4	6	---	---	---	1,872	---	1,872
White Riesling 8/	1,935	1,369	2,282	1,715	292	152	200	457	1,036	748	7,945	2,241	10,186
Zinfandel	15,600	3,616	3,644	2,783	1,258	379	372	487	606	403	27,652	1,496	29,148
Other Wine	534	21	23	38	48	31	8	32	45	36	703	113	816
TOTAL WINE	144,348	50,377	49,477	29,816	7,993	3,555	5,120	11,105	19,863	15,187	290,686	46,155	336,841

1/ Nonbearing includes plantings for 1978, 1979, and 1980.
2/ Same as Napa Gamay.
3/ Same as Muscat Canelli.
4/ Same as Golden Chasselas.
5/ Same as Mondeuse.
6/ Same as Ugni Blanc and Trebbiano.
7/ Same as Franken Riesling.
8/ Same as Johannisberger Riesling.

Source: California Crop and Livestock Reporting Service.

CALIFORNIA TABLE GRAPES, 1980 SEASON

F.o.b. trading on Thompson Seedless was quoted about five days later than last year. Initial crop estimates were increased after favorable weather allowed unimpeded harvest activity. Thompson Seedless prices averaged lower than the previous year. The Emperor crop was also larger and prices averaged lower than last year. Desired sugar levels were reported difficult to obtain. The overall table grape crop generally moved well into marketing channels.

Cold storage holdings of table grapes peaked at the end of October with 7.8 million packages reported in storage. This was 1.1 million packages more than the 6.7 million packages reported for the same peak period in 1979. Thompson Seedless holdings peaked at 4.1 million packages, well above the peak holdings for last year. Emperor holdings peaked at 4.9 million packages, slightly lower than the peak holdings for 1979. The last reportable volume was for the period ending February 15 with 400,000 packages of Emperors in storage.

TABLE 9. TABLE GRAPES: RAIL, TRUCK AND AIR SHIPMENTS, CALIFORNIA AND ARIZONA, AND U.S. IMPORTS, BY COUNTRY OF ORIGIN, BY MONTH 1980-81 WITH COMPARISONS

Origin and Carrier	1980-1981 May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total 1980-81 May-April 1,000 Cwt.	Total 1980-81 May-April Equiv. 1,000 23# lugs	Total 1979-80 May-April 1,000 Cwt.	Total 1979-80 May-April Equiv. 1,000 23# lugs
	1,000 hundredweight														
California															
Northern California															
Rail - Mech.	-	-	-	-	2.0	-	-	-	-	-	-	2.0	8.7	1.5	6.5
Truck 1/	-	-	-	26.1	213.9	72.2	-	-	-	-	-	312.2	1357.4	390.7	1698.7
Total	-	-	-	26.1	215.9	72.2	-	-	-	-	-	314.2	1366.1	392.2	1705.2
Central California															
Rail - Mech.	-	-	1.5	2.5	11.5	8.0	16.0	6.0	1.0	.5	-	47.0	204.3	51.0	221.7
" - Van	-	-	10.9	49.4	73.2	89.2	58.8	33.5	10.9	4.7	.3	330.9	1438.7	77.2	335.7
Truck 1/	-	-	279.0	1304.8	1331.8	1084.1	739.5	547.6	239.1	123.3	17.7	5666.9	24638.7	4567.0	19943.5
Total	-	-	291.4	1356.7	1416.5	1181.3	814.3	587.1	251.0	128.5	18.0	6044.8	26281.7	4715.2	20500.9
Southern California															
Rail - Mech.	-	1.0	-	-	-	-	-	-	-	-	-	1.0	4.3	7.0	30.4
" - Van	-	10.5	5.7	4.6	-	1.0	-	-	-	-	-	21.8	94.8	57.4	249.6
Truck 1/	13.8	619.6	329.8	-	-	-	-	-	-	-	-	963.2	4187.8	898.2	3910.9
Total	13.8	631.1	335.5	4.6	-	1.0	-	-	-	-	-	986.0	4286.9	962.6	4190.9
Total California															
Rail - Mech.	-	1.0	1.5	2.5	13.5	8.0	16.0	6.0	1.0	.5	-	50.0	217.3	59.5	258.7
" - Van	-	10.5	16.6	54.0	73.2	90.2	58.8	33.5	10.9	4.7	.3	352.7	1533.5	134.6	585.2
Truck	13.8	619.6	608.8	1330.9	1545.7	1156.3	739.5	547.6	239.1	123.3	17.7	6942.3	30183.9	5877.0	25553.0
Total	13.8	631.1	626.9	1387.4	1632.4	1254.5	814.3	587.1	251.0	128.5	18.0	7345.0	31934.7	6071.1	26396.9
Arizona															
Rail - Mech.	-	-	.5	-	-	-	-	-	-	-	-	.5	2.2	1.0	4.3
" - Van	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	11.3
Truck	-	90.3	156.3	-	-	-	-	-	-	-	-	246.6	1072.2	259.0	1126.1
Total	-	90.3	156.8	-	-	-	-	-	-	-	-	247.1	1074.4	262.6	1141.7
Total Shipments															
Rail - Mech.	-	1.0	2.0	2.5	13.5	8.0	16.0	6.0	1.0	.5	-	50.5	219.5	60.5	263.0
" - Van	-	10.5	16.6	54.0	73.2	90.2	58.8	33.5	10.9	4.7	.3	352.7	1533.5	137.2	596.5
Truck	13.8	709.9	765.1	1330.9	1545.7	1156.3	739.5	547.6	239.1	123.3	17.7	7188.9	31256.1	6136.2	26679.1
Total	13.8	721.4	783.7	1387.4	1632.4	1254.5	814.3	587.1	251.0	128.5	18.0	7592.1	33009.1	6333.9	27538.6
Imports															
Canada	-	-	-	-	24.7	1.2	1.6	-	-	-	-	27.5	119.5	4.0	17.4
Chile	223.1	11.9	1.0	2.3	1.0	-	-	.4	17.0	208.4	2/638.1	1103.2	4796.5	915.1	3978.6
Mexico	15.7	116.3	30.6	-	-	-	-	-	-	-	-	162.6	707.0	185.0	804.3
South Africa	1.2	1.5	.6	-	.1	.1	.1	-	-	-	-	3.6	15.6	6.0	26.1
Total	240.0	129.7	32.2	2.3	25.8	1.3	1.7	.4	17.0	208.4	638.1	1296.9	5638.6	1110.1	4826.4

Compiled from Fresh Fruit and Vegetable Shipments, FVUS-7 calendar year 1980 and for 1981 data provided by the U.S. Department of Agriculture, Fruit and Vegetable Division, Washington, D.C.

1/ Truck includes air shipments.

2/ Includes 292.0 for April.

TABLE 10. TABLE GRAPES: WEEKLY PRICE RANGE F.O.B. SHIPPING POINT, BY DISTRICTS, BY VARIETY, CALIFORNIA 1980-81 SEASON 1/

Week Ending	Coachella Valley District					Week Ending	Lodi District
	Dollars per 22 pound lug						Dollars per 23 pound lug
1980	Perlette	Cardinal	Beauty Seedless	Thompson Seedless	Exotic	1980	Tokay
June 6	15.00-22.00	16.00-22.00	18.00-20.00			Aug. 29	9.00-11.00
13	12.00-13.00	14.00-16.00	15.00-18.00			Sept. 5	9.00
20	13.00-14.00	13.00-16.00	15.00-16.00	Thompson Seedless	Exotic	12	9.00
27		12.00-15.00		15.00-16.00	16.00-18.00	19	9.00
July 4		12.00-15.00		15.00-16.00	16.00-18.00	26	7.00-8.00
11		12.00-13.00		13.00-16.00	16.00-18.00	Oct. 3	7.00
18				15.00-16.00		10	7.00
			Last Report			17	7.00
							Last Report

Week Ending	Kern District				Central San Joaquin Valley District					
	Dollars per 23 pound lug									
1980	Cardinal	Exotic	Thompson Seedless		Cardinal	Thompson Seedless				
Aug. 1	10.00-12.00	14.00-16.00	12.00-18.00		10.00-12.00	12.00	Red Malaga	Queen		
8	10.00-12.00	12.00-14.00	12.00		10.00-12.00	12.00	10.00-12.00	12.00		
15	10.00-12.00	12.00	12.00		10.00	12.00				
	Queen			Ribier	Ruby Sdls.				Ribier	
22	12.00	12.00	10.00-12.00	12.00	14.00	10.00-12.00	10.00-12.00	12.00	12.00	
29	11.00-12.00	11.00-12.00	9.00-10.00	11.00-12.00	14.00	9.00-10.00	9.00-12.00	11.00-12.00	11.00-12.00	
Sept. 5	10.00-12.00	11.00-12.00	9.00-10.00	10.00-12.00	14.00	8.00-9.00	9.00-11.00	11.00	11.00	
12	10.00-12.00	10.00-12.00	9.00-10.00	10.00-12.00	12.00-14.00	9.00	9.00-10.00	10.00-11.00	10.00-11.00	
19	9.00-11.00	10.00-12.00	9.00-10.00	10.00-11.00	12.00-14.00	8.00-9.00		9.00-10.00	9.00-10.00	
26	8.00-10.00		7.00-9.00	9.00-10.00	10.00-14.00	8.00-9.00		9.00-10.00	8.00-10.00	
Oct. 3	8.00-9.00		7.00-8.00	9.00-10.00	10.00-12.00	7.00-8.00		8.00-9.00	8.00-9.00	
	Emperor						Emperor			
10	7.00-8.00		7.00-8.00	9.00-10.00	10.00-12.00	7.00-8.00	7.00-8.00	Calmeria	8.00-9.00	
17	7.00-8.00		7.00-8.00	8.00-9.00	10.00-12.00	7.00-8.00	7.00-8.00	8.00-9.00	8.00-9.00	Almeria
24	7.00-8.00	Calmeria	7.00-8.00	8.00-9.00	10.00-12.00	7.00-8.00	7.00	8.00	8.00-9.00	8.00
31	7.00-8.00	8.00	7.00-8.00	8.00-9.00	10.00-12.00	7.00-8.00	7.00	8.00	7.00-8.00	8.00
Nov. 7	7.00-8.00	8.00	7.00-8.00	8.00-9.00	8.00-12.00		6.50-7.00	8.00	8.00	8.00
14	7.00-8.00	8.00	7.00-8.00	8.00-9.00	8.00-12.00		6.50-7.00	8.00	8.00	8.00
21	7.00-9.00	8.00-9.00		8.00-9.00	9.00-11.00		6.50-7.00	8.00	8.00	8.00
28	8.00-9.00	8.00-9.00		9.00	9.00-11.00		6.50-7.00	8.00-9.00	8.00-9.00	7.00-9.00
Dec. 5	8.00-9.00	8.00-9.00		9.00	9.00-11.00		6.50-7.00	8.00-9.00	8.00-9.00	8.00-9.00
12	8.00-9.00	8.00-9.00		9.00	7.00-12.00		6.50-7.00	8.00-9.00		8.00-9.00
19	8.00-9.00	8.00-9.00		9.00	7.00-10.00		6.50-7.00			
26	8.00-9.00	8.00-9.00		9.00	7.00-11.00		6.50-7.00			
1981										
Jan. 2	8.00-9.00	8.00-9.00		9.00	7.00-11.00		6.50-7.00			
9	8.00-9.00	8.00-9.00			7.00-11.00		7.00			
16	8.00-9.00	8.00-9.00					7.00			
23	8.00-9.00	8.00-9.00					7.00			
30	8.00-9.00	8.00-9.00					7.00			
Feb. 6	8.00-9.00	8.00-9.00					7.00-8.00			
13	8.00-9.00	8.00-9.00					7.00-9.00			
20		8.00-9.00								
			Last Report					Last Report		

Compiled from daily Grape reports issued by the Federal-State Market News Service, Fresno, California.
1/ Prices listed represent the first quoted price or price range and do not include those listed as few, occasional or one mark, unless otherwise noted.

TABLE 11. TABLE GRAPES: WHOLESALE PRICES AT LOS ANGELES AND SAN FRANCISCO, BY MAJOR VARIETIES, EACH WEDNESDAY, CALIFORNIA ORIGIN, 1980-81 MARKETING SEASON

Date		Los Angeles				San Francisco			
		Dollars per 23 pound lug							
1980		Perlette	Black Beauty	Cardinal		Perlette	Cardinal		
June	4	1/20.00-24.00	1/20.00-24.00	1/20.00-24.00		1/23.00-25.00	1/22.00-24.00		
	11	1/13.00-15.00	1/16.00-17.00	1/16.50-18.00		1/14.50-15.50	1/18.00-18.50	Thompson Seedless	
	18	1/16.00-17.00	1/16.00-17.00	1/15.00-17.00		1/15.50-16.50	1/17.50-18.50		
	25	1/15.00-17.00	1/16.00	1/15.00-16.00	Thompson Seedless	1/16.75-17.50	1/16.75-17.00	1/18.50-19.00	
July	2	Flame Sdls. 1/26.00	Exotic 1/18.00-20.00	1/14.00-15.00	1/18.00-20.00		-	1/17.50-18.00	
	9	1/26.00-28.00	1/17.00-20.00	1/14.00-15.00	1/15.00-17.00		1/14.00-15.00	1/18.00	Ruby Seedless
	16	1/24.00-26.00	1/17.00	1/14.00-15.00	1/15.00-17.00	Exotic	-	1/17.00-18.00	21.00
	23	18.00-20.00	1/16.00	1/14.00-16.00	1/15.00-17.00	20.00	17.50	21.00	21.00
	30	18.00-21.00	16.00-19.00	14.00-16.00	17.00-20.00	15.00-16.00	14.50-15.50	18.00-19.00	24.00
Aug.	6	18.00-20.00	14.00-17.00	12.00-15.00	14.00-16.00	15.00-16.00	12.00-14.00	14.00-15.00	16.00-17.00
	13	17.00-18.00	16.00-17.00	12.00-14.00	14.00-15.00	15.00-16.00	12.00-14.00	14.00-15.00	16.00-17.00
	20	Ribier 10.00-12.00	17.00	13.00-14.00	12.00-13.00	15.00-16.00	Ribier 16.00	12.00-12.50	17.00
	27	12.00-13.00	15.00-16.00	9.00-10.00	10.00-12.00	14.00-14.50	-	10.00	Toka 14.00
Sept.	3	10.00-12.00	Toka 11.00-12.00		7.00-10.00	14.00-14.50	-	10.00	14.00
	10	8.00-10.00	11.00-12.00		7.00-10.00	Italia 11.00	12.00-13.00	10.00	11.00
	17	10.00-12.00	10.00-11.00	Emperor	9.50-11.00	11.00	12.00-13.00	10.00	11.00
	24	10.00-11.00	10.00-11.00	10.00-11.00	9.00-10.00	11.00	12.00-13.00	10.00	11.00
Oct.	1	9.00-11.00		10.00-11.00	8.00-10.00	12.00	12.00	10.00-11.00	10.00-11.00
	8	10.00-12.00		10.00-11.00	9.00-11.00	12.00	12.00	10.00-11.00	10.00-11.00
	15	10.00-12.00		8.00-10.00	9.00-11.00	12.00	12.00	10.00-11.00	8.50-9.00
	22	10.00-12.00	Calmeria 10.00-11.00	8.00-10.00	9.00-11.00	12.00	12.00	10.00-11.00	Emperor 8.50-9.00
	29	9.00-11.00	10.00-11.00	8.00-10.00	9.50-11.00	12.00	12.00	10.00-11.00	8.50-9.00
Nov.	5	9.00-11.00	10.00-11.00	8.00-10.00	10.00-11.00	12.00	11.00-12.00	9.00-11.00	8.50-9.50
	12	9.00-11.00	10.00-11.00	8.00-10.00	10.00-11.00		11.00-12.00	11.00-12.00	8.50-9.50
	19	7.00-8.00	9.00-10.00	7.00-9.00	Almeria 9.00		11.00-12.00	10.00-12.00	9.00
	26	10.00-12.00	10.00-11.00	8.00-9.00	9.00-10.00		12.00		9.00
Dec.	3	6.50-7.50	6.50-7.00	6.50-7.50	-		12.00	Calmeria 10.00	10.00-10.50
	10	6.50-7.50	6.00-7.00	6.50-7.50	-		12.00	10.00-12.00	10.00-10.50
	17	6.50-9.00	6.50-8.00	6.00-8.00	7.00-8.00		-	10.00-12.00	10.00-10.50
	24		6.50-8.00	8.00-10.00	9.00-10.00		12.00-12.50	10.00-12.00	9.00-10.50
	31		- HOLIDAY -					- HOLIDAY -	
1981									
Jan.	7		6.50-8.00	6.00-8.50	-		12.00-12.50	13.00	12.00-12.50
	14		10.00	7.00-8.50	-		16.50		13.75
	21		10.50-11.00	7.00-9.00	9.75-10.50				10.00
	28			10.00-11.00					10.00
Feb.	4			9.00-10.00					11.00
	11			8.00-10.50					11.00
	18			10.00-12.00					10.00-11.00
	25			9.00-11.00					10.00-13.00
Mar.	4			9.00-10.00					10.00-13.00
	11			2/10.00-13.00					10.00-13.00

Compiled from reports of the Federal-State Market News Service, Los Angeles and San Francisco, California.
1/ 22 pound lugs.
2/ Wrapped bunches in 20 pound lugs.

TABLE 12. TABLE GRAPES: WHOLESALE PRICES AT NEW YORK AND CHICAGO, BY MAJOR VARIETIES, EACH WEDNESDAY, CALIFORNIA ORIGIN, 1980-81 MARKETING SEASON

Date	New York					Chicago				
	Dollars per 23 pound lug									
1980	Perlette	Cardinal				Perlette	Cardinal			
June 4	1/30.00-33.00	1/31.00-32.00				1/27.00-28.00	1/28.00			
11	1/18.00-20.00	1/21.00-22.00				1/17.00	1/21.00	Beauty		
18	1/17.00-19.00	-	Exotic			1/16.00-17.00	1/20.00	Seedless		
25	1/20.00-22.00	1/20.00-21.00	1/23.00	Thompson Seedless		1/18.00-19.00	1/18.00-20.00	1/20.00	Thompson Seedless	
July 2		1/18.00-20.00	1/22.00	1/21.00-23.00		Exotic	1/17.00-17.50	1/19.00-20.00	1/25.00	
9		1/17.00	1/21.00	1/20.00-22.00		1/19.00-21.00	1/16.50-17.50	Superior Seedless	1/18.00-20.00	
16		1/17.00	1/19.00-20.00	1/19.00		1/21.00-23.00	1/22.00	1/21.00	1/19.50-20.00	
23		1/19.00-20.00	-	1/21.00-23.00		1/21.00-22.00	-		1/25.00	
30		1/18.00-20.00	1/20.00	1/26.00-28.00		22.00-23.00	18.00-19.00	Ruby Seedless	25.00-26.00	
Aug. 6			19.00-22.00	18.00-20.00		20.00	16.00-17.00	18.00-18.50	19.00-20.00	
13			18.00	16.00-18.00		18.00	15.00-15.50	19.00-20.00	17.50-18.50	
		Italia						Ribier		
20		2/20.00	18.00	15.00-17.00		18.00		18.00	15.00-16.00	
27		-	15.00-16.00	13.00-14.00		17.00-18.00		16.00	13.00-14.00	
	Ribier									
Sept. 3	16.00-17.00	-		13.00-14.00		-	Tokay	15.00-15.50	12.00-13.00	
10	16.00	2/16.00		14.00-14.50		15.00	12.50	12.00-13.00	13.00-14.00	
17	14.00-16.00			14.00-15.00			13.50-14.00	15.00-16.00	13.00-14.00	
24	15.00-16.00			14.00-15.00			12.00-12.50	14.00-15.00	12.00-14.00	
			Emperor							
Oct. 1	15.00-17.00		12.00-13.00	14.00-16.00		Emperor		15.00	12.00	
8		- Unavailable -				12.00		15.00	11.50-12.50	
15	14.00-15.00		12.00-13.00	13.00-15.00		11.50-12.50		12.00-13.00	11.00-12.00	
22	14.00-15.00	Calmeria	11.00-12.00	12.00-13.00		11.00-12.00	Calmeria	12.00-13.00	12.00	
29	13.00-14.00	12.00	11.00-12.00			11.00-12.00	12.00-13.00	12.00-13.00		
				Almeria					Almeria	
Nov. 5	15.00-16.00	12.50-13.00	11.50-12.50	12.50-13.00		11.50-12.00	12.00-12.50	12.00	12.50	
12	14.00-15.00	12.50	11.50-12.50	12.50		11.50-12.00	12.00-13.00	13.50-14.00	13.00	
19	14.00-15.00	12.00-13.00	11.50-12.50			11.00-12.00	12.00-13.00	13.00	12.00-13.00	
26	2/18.00-19.00	2/13.00-15.00	12.00-13.00			11.00-12.00	11.50-12.00	12.50-13.00		
Dec. 3	2/17.00-20.00	-	11.00-12.00			11.00-12.00	13.00	13.50-15.00		
10	2/18.00-19.00	-	12.00-13.00			12.00-13.00	13.00-13.50	13.50-15.00		
17	2/18.00-20.00	2/15.00-17.00	12.50-13.50			12.00-13.50	12.75-13.00	15.00		
24	2/18.00-20.00	2/15.00-17.00	12.00-13.50			12.50-13.50	12.50-13.00	15.00		
31		- Holiday -					- Holiday -			
1981										
Jan. 7	2/22.00	-	13.00-13.50			12.00-13.00	12.50	-		
14		2/22.00	2/15.00-15.50			13.00-14.00		-		
21			2/15.00-16.00			14.00-15.00		17.00-17.50		
28			2/15.00-16.00			14.00-15.00		18.00		
Feb. 4			2/15.50-16.00			14.00-15.00				
11			2/15.00-16.00			14.00-15.00				
18			2/15.00-16.00			13.00				
25						13.00				
Mar 4						-				
11						12.00-13.00				

Compiled from reports of the Federal-State Market News Service, Chicago, Illinois and New York, New York.
1/ 22 pound lugs.
2/ 20 pound lugs, wrapped bunches.

TABLE 13. TABLE GRAPES: RAIL AND TRUCK UNLOADS, 41 U.S. AND 5 CANADIAN CITIES, BY MONTHS, FROM CALIFORNIA, JUNE 1980-APRIL 1981

City	1980 June Rail	June Truck	July Rail	July Truck	August Rail	August Truck	September Rail	September Truck	October Rail	October Truck	November Rail	November Truck	December Rail	December Truck
	10,000 pound units													
EASTERN														
Albany, N.Y.	-	8	-	33	-	46	-	55	-	47	-	43	-	44
Balt., Md.-Wash. D.C.	-	91	-	103	-	204	-	311	5	224	-	185	-	103
Boston, Mass.	-	204	-	254	5	453	-	424	-	330	-	319	-	215
Buffalo, N.Y.	-	26	-	47	-	69	-	67	-	73	-	47	-	65
N.Y., N.Y.-Newark, N.J.	-	295	-	479	-	686	5	910	180	841	20	1,028	-	371
Philadelphia, Pa.	-	114	-	162	-	435	-	424	10	328	-	326	-	226
Pittsburgh, Pa.	-	102	-	85	-	205	-	179	-	186	-	137	-	90
Providence, R.I.	-	6	-	6	-	22	5	19	-	3	-	6	-	3
Total	-	846	-	1,169	5	2,120	10	2,389	195	2,032	20	2,091	-	1,117
MIDWESTERN														
Chicago, Ill.	-	266	-	146	-	355	-	499	20	375	5	172	-	133
Cincinnati, Oh.	-	64	-	99	-	153	-	200	-	174	-	124	-	105
Cleveland, Oh.	-	84	-	99	-	178	-	191	-	177	-	133	-	103
Detroit, Mich.	-	134	-	168	-	243	-	289	-	271	-	190	-	113
Indianapolis, Ind.	-	30	-	50	-	67	-	83	-	63	-	49	-	37
Kansas City, Mo.	-	65	-	28	-	158	-	200	-	172	-	56	-	61
Louisville, Ky.	-	18	-	24	-	39	-	73	-	75	-	41	-	49
Milwaukee, Wis.	-	38	-	43	-	97	-	124	-	45	-	22	-	19
Mpls.-St. Paul, Minn.	-	123	-	141	-	168	-	196	-	95	-	66	-	48
St. Louis, Mo.	-	53	-	66	-	204	-	194	-	157	-	98	-	61
Total	-	875	-	864	-	1,662	-	2,049	20	1,604	5	951	-	729
SOUTHERN														
Atlanta, Ga.	-	68	-	85	-	97	-	177	-	132	-	81	-	88
Birmingham, Ala.	-	18	-	13	-	29	-	66	-	64	-	46	-	38
Columbia, S.C.	-	14	-	13	-	15	-	23	-	25	-	26	-	30
Dallas, Tex.	-	90	-	99	-	203	-	258	-	244	-	81	-	52
Ft. Worth, Tex.	-	5	-	17	-	14	-	21	-	45	-	9	-	9
Houston, Tex.	-	167	-	239	-	461	-	541	-	527	-	236	-	146
Memphis, Tenn.	-	5	-	15	-	18	-	23	-	20	-	12	-	9
Miami, Fla.	-	40	-	55	5	120	20	105	10	148	10	136	5	105
Nashville, Tenn.	-	20	-	25	-	47	-	68	-	39	-	33	-	27
New Orleans, La.	-	51	-	74	-	143	-	190	-	157	-	53	-	53
Oklahoma City, Okla.	-	23	-	20	-	72	-	65	-	35	-	24	-	11
San Antonio, Tex.	-	46	-	58	-	143	-	182	-	150	-	63	-	32
Total	-	547	-	713	5	1,362	20	1,719	10	1,586	10	800	5	600
WESTERN														
Denver, Colo.	-	94	-	147	-	180	-	210	-	85	-	43	-	25
Los Angeles, Calif.	-	480	-	709	-	1,379	-	1,121	-	926	-	642	-	458
Portland, Oreg.	-	77	-	116	-	284	-	171	-	174	-	38	-	29
Salt Lake City, Ut.	-	53	-	72	-	120	-	133	-	58	-	23	-	19
San Fran.-Oakland, Calif.	-	165	-	242	-	443	-	466	-	402	-	274	-	147
Seattle-Tacoma, Wash.	-	123	-	200	-	424	-	358	-	277	-	103	-	57
Total	-	992	-	1,486	-	2,830	-	2,...	-	1,922	-	1,123	-	735
TOTAL U.S.	-	3,260	-	4,232	10	7,974	30	8,616	225	7,144	35	4,965	5	3,181
CANADA														
Montreal, Que.	-	51	-	149	-	207	18	224	-	231	-	145	14	183
Ottawa, Ont.	-	20	-	40	-	61	-	58	-	77	-	51	-	58
Toronto, Ont.	-	126	-	246	-	431	-	415	41	614	23	367	22	352
Vancouver, B.C.	11	53	-	95	-	183	-	194	-	190	-	101	-	64
Winnipeg, Man.	-	25	-	59	-	63	-	87	-	88	-	41	-	34
Total	11	275	-	589	-	945	18	978	41	1,200	23	705	36	691
TOTAL U.S. & CANADA	11	3,535	-	4,821	10	8,919	48	9,594	266	8,344	58	5,670	41	3,872

(Continued)

TABLE 13. TABLE GRAPES: RAIL AND TRUCK UNLOADS, 41 U.S. AND 5 CANADIAN CITIES, BY MONTHS, FROM CALIFORNIA, JUNE 1980-APRIL 1981 (Cont'd)

City	1981 January Rail	1981 January Truck	1981 February Rail	1981 February Truck	1981 March Rail	1981 March Truck	1981 April Rail	1981 April Truck	Total 1980-81 Season Rail	Total 1980-81 Season Truck	Total 1980-81 Season Total	Equiv. 1,000 23# Lugs
	10,000 pound units											
EASTERN												
Albany, N.Y.	-	28	-	6	-	1			-	311	311	135
Balt., Md.-Wash. D.C.	-	58	10	70	-	9			15	1,358	1,373	597
Boston, Mass.	-	28	-	62	-	18			5	2,307	2,312	1,005
Buffalo, N.Y.	-	23	-	8	-	4			-	429	429	187
N.Y., N.Y.-Newark, N.J.	-	132	-	122	-	54			205	4,918	5,123	2,227
Philadelphia, Pa.	-	88	-	61	-	7			10	2,171	2,181	948
Pittsburgh, Pa.	-	37	-	18	-	4			-	1,043	1,043	454
Providence, R.I.	-	-	-	-	-	-			5	65	70	30
Total	-	394	10	347	-	97			240	12,602	12,842	5,583
MIDWESTERN												
Chicago, Ill.	-	48	-	26	-	10			25	2,030	2,055	894
Cincinnati, Oh.	-	34	-	32	-	16			-	1,001	1,001	435
Cleveland, Oh.	-	26	-	11	-	-			-	1,002	1,002	436
Detroit, Mich.	-	49	-	25	-	1			-	1,483	1,483	645
Indianapolis, Ind.	-	14	-	19	-	21			-	433	433	188
Kansas City, Mo.	-	18	-	3	-	2			-	763	763	332
Louisville, Ky.	-	18	-	9	-	2			-	348	348	151
Milwaukee, Wis.	-	6	-	3	-	1			-	398	398	173
Mpls.-St. Paul, Minn.	-	28	-	8	-	3			-	876	876	381
St. Louis, Mo.	-	26	-	12	-	6			-	877	877	381
Total	-	267	-	148	-	62			25	9,211	9,236	4,016
SOUTHERN												
Atlanta, Ga.	-	23	-	36	-	22			-	809	809	352
Birmingham, Ala.	-	21	-	18	-	11			-	324	324	141
Columbia, S.C.	-	6	-	8	-	22			-	182	182	79
Dallas, Tex.	-	25	-	26	-	15			-	1,093	1,093	475
Ft. Worth, Tex.	-	-	-	3	-	8			-	131	131	57
Houston, Tex.	-	64	-	18	-	2			-	2,401	2,401	1,044
Memphis, Tenn.	-	5		5	-	3			-	115	115	50
Miami, Fla.	-	22		38	-	10			50	779	829	360
Nashville, Tenn.	-	7	-	6	-	1			-	273	273	119
New Orleans, La.	-	24	-	13	-	2			-	760	760	330
Oklahoma City, Okla.	-	4	-	2	-	1			-	257	257	112
San Antonio, Tex.	-	30	-	20	-	6			-	730	730	317
Total	-	231	-	193	-	103			50	7,854	7,904	3,436
WESTERN												
Denver, Colo.	-	15	-	19	-	36			-	854	854	371
Los Angeles, Calif.	-	290	-	196	-	49			-	6,250	6,250	2,717
Portland, Oreg.	-	12	-	8	-	5			-	914	914	397
Salt Lake City, Ut.	-	4	-	10	-	13			-	505	505	220
San Fran.-Oakland, Calif.	-	75	-	48	-	30			-	2,292	2,292	997
Seattle-Tacoma, Wash.	-	32	-	21	-	5			-	1,600	1,600	696
Total	-	428	-	302	-	138			-	12,415	12,415	5,398
TOTAL U.S.	-	1,320	10	990	-	400	-	1/20	315	42,082	42,397	18,433
CANADA												
Montreal, Que.	-	57	-	164					32	1,411	1,443	627
Ottawa, Ont.	-	26	-	14					-	405	405	176
Toronto, Ont.	10	152	6	138					102	2,841	2,943	1,280
Vancouver, B.C.	-	49	-	49					11	978	989	430
Winnipeg, Man.	-	17	-	10					-	424	424	184
Total	10	301	6	375	2/	2/	2/	2/	145	6,059	6,204	2,697
TOTAL U.S. & CANADA	10	1,621	16	1,365	-	400	-	1/20	460	48,141	48,601	21,130

Compiled from Fresh Fruit and Vegetable Unloads and records of the U.S. Department of Agriculture, Agricultural Marketing Service, Fruit and Vegetable Division, Market News Branch, Washington, D.C.

1/ Preliminary, breakdown by U.S. city unavailable.

2/ Canada unavailable.

TABLE 14. TABLE GRAPES: SEMI-MONTHLY COLD STORAGE HOLDINGS IN CALIFORNIA BY VARIETY, 1976-1980 SEASON

Season 1/	August 31	September 15	September 30	October 15	October 31	November 15	November 30
				Number of packages			
				THOMPSON SEEDLESS			
1976	2,063,650	1,579,220	406,960	64,210	2/	2/	2/
1977	2,145,250	1,944,610	1,016,790	380,990	125,690	59,500	2,590
1978	2,957,240	1,339,130	705,180	266,740	70,160	25,450	2/
1979	2,988,630	1,931,580	970,250	321,500	86,940	2/	-
1980	2,689,920	4,137,760	3,451,270	1,623,730	464,220	164,640	30,470
				RIBIER			
1976	140,450	394,160	894,120	670,960	424,750	213,830	93,990
1977	139,420	329,160	841,880	910,810	882,610	612,950	399,930
1978	141,190	253,840	422,070	282,250	127,650	42,330	12,450
1979	234,720	466,470	731,640	813,790	570,120	342,820	145,940
1980	168,420	312,490	635,600	857,420	824,040	622,470	403,990
				ALMERIA			
1976	-	-	12,680	82,330	44,180	8,650	3,110
1977	-	-	9,920	149,070	133,600	46,490	10,730
1978	-	-	14,370	75,960	98,850	93,610	62,270
1979	-	-	2,040	128,490	139,370	94,770	15,930
1980	-	-	-	2/	75,600	78,770	47,390
				CALMERIA			
1976	-	25,040	564,430	808,670	453,480	200,840	81,290
1977	-	99,190	663,050	1,354,480	1,179,190	819,950	549,630
1978	-	59,170	1,345,050	1,688,730	1,373,170	988,930	626,400
1979	-	63,850	826,560	1,240,290	824,770	485,670	146,470
1980	-	2/	87,260	1,092,670	1,533,350	1,006,390	557,900
				EMPEROR			
1976	-	80,970	1,563,130	3,925,650	4,474,060	3,745,740	2,963,170
1977	-	144,800	1,572,420	4,604,960	6,185,610	5,263,220	4,150,350
1978	-	107,440	1,518,050	2,907,500	4,369,290	4,243,390	3,224,050
1979	-	222,520	1,370,020	3,700,210	5,030,470	4,446,220	3,524,860
1980	-	2/	709,290	1,867,490	4,740,100	4,895,780	4,133,250
				TOKAY			
1976	100,000	84,000	276,540	115,490	33,350	-	-
1977	-	2/	120,000	20,000	-	-	-
1978	-	2/	-	-	-	-	-
1979	139,120	317,800	257,300	-	2/	-	-
1980	69,000	257,060	255,840	2/	-	-	-
				OTHERS			
1976	98,160	32,610	54,680	20,290	8,750	5,230	2/
1977	51,310	85,880	111,810	51,970	40,990	26,460	2/
1978	220,300	59,760	38,320	20,430	52,990	12,200	2/
1979	166,320	158,260	150,920	94,560	49,560	2/	2/
1980	118,910	186,490	214,880	144,040	148,510	120,130	100,150
				ALL VARIETIES			
1976	2,402,260	2,196,000	3,772,540	5,687,500	5,438,570	4,174,290	3,141,560
1977	2,335,980	2,603,640	4,335,870	7,472,280	8,547,690	6,828,570	5,113,230
1978	3,318,730	1,819,340	4,043,040	5,241,610	6,092,110	5,405,910	3,925,170
1979	3,528,790	3,160,480	4,308,730	6,298,840	6,701,230	5,369,480	3,833,200
1980	3,046,250	4,893,800	5,354,140	5,585,350	7,785,820	6,888,180	5,273,150

(Continued)

TABLE 14. TABLE GRAPES: SEMI-MONTHLY COLD STORAGE HOLDINGS IN CALIFORNIA BY VARIETY, 1976-1980 SEASON (Cont'd)

Season 1/	December		January		February		March
	15	31	15	31	15	28	15
				Number of packages			
				THOMPSON SEEDLESS			
1976	2/	2/	-	-	-	-	-
1977	2/	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-
1980	2/	-	-	-	-	-	-
				RIBIER			
1976	10,460	2/	-	-	-	-	-
1977	213,140	147,980	92,800	57,470	39,970	2/	2/
1978	2,660	2/	-	-	-	-	-
1979	30,260	-	-	-	-	-	-
1980	131,280	36,670	2/	-	-	-	-
				ALMERIA			
1976	-	-	-	-	-	-	-
1977	2/	2/	2/	-	-	-	-
1978	30,710	10,280	2/	-	-	-	-
1979	-	-	-	-	-	-	-
1980	27,520	16,340	-	-	-	-	-
				CALMERIA			
1976	24,380	2/	2/	-	-	-	-
1977	340,630	182,530	87,390	69,810	40,380	31,910	2/
1978	319,600	220,910	95,960	17,120	2/	-	-
1979	2/	-	-	-	-	-	-
1980	167,020	6,550	-	-	-	-	-
				EMPEROR			
1976	1,763,510	1,080,530	793,420	453,740	310,260	-	-
1977	2,986,520	2,004,090	1,414,820	1,091,830	723,530	504,640	334,710
1978	2,231,100	1,315,130	811,620	388,730	161,330	-	-
1979	2,167,970	1,277,500	603,990	147,370	-	-	-
1980	2,920,070	2,118,000	1,464,270	849,570	401,880	2/	-
				TOKAY			
1976	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-
				OTHERS			
1976	2/	-	-	-	-	-	-
1977	2/	2/	-	-	-	-	-
1978	2/	2/	2/	2/	-	-	-
1979	-	-	-	-	-	-	-
1980	54,230	34,650	2/	2/	-	-	-
				ALL VARIETIES			
1976	1,798,350	1,080,530	793,420	453,740	310,260	-	-
1977	3,540,290	2,334,600	1,595,010	1,219,110	803,880	536,550	334,710
1978	2,584,070	1,546,320	907,580	405,850	161,330	-	-
1979	2,198,230	1,277,500	603,990	147,370	-	-	-
1980	3,300,120	2,212,210	1,464,270	849,570	401,880	2/	-

Compiled from semi-monthly Cold Storage reports, Federal-State Market News Service, Fresno, California.

1/ In some years, small quantities of some varieties are in storage before the first storage report on August 31 and after the final report on March 15.

2/ Too few to enumerate.

CALIFORNIA RAISIN GRAPES - 1980-81 SEASON

Production and Marketing Conditions

Below normal temperatures prevailed during the major portion of the 1980 growing season. This was in sharp contrast to the nearly ideal weather of a year earlier. Grape maturity during the early stages of the 1980 harvest averaged well below desired levels. As a result, early season raisin deliveries to processors contained substantial amounts of substandard quality fruit.

Light harvesting and laying of raisins in the earliest producing sections of the San Joaquin Valley started during the week of August 22, slightly later than a year earlier. The raisin lay began with Zante currants, followed by the Thompson Seedless variety around August 25. However, lagging maturity delayed early harvesting and general start of the raisin lay in the Central San Joaquin Valley did not occur until around Labor Day. By the second week of September about 75-80% of the crop had been laid for sun-drying. Lack of maturity plagued the industry for the major portion of the harvest season. Sugar testings of 17-18° Brix during the initial weeks of harvest were quite common, resulting in considerable substandard quality raisins. In addition, more than the usual amount of waterberry and shotberry were characteristic of some vineyard lots. Based on an early sampling of vineyards in Fresno County, by the County Agricultural Commissioner, Thompson Seedless bunch count averaged 30.8 bunches per vine. This compared with 33.0 a year earlier and 34.4 bunches for the five year 1975-79 period. Bunches were reported much more elongated than normal and berry size quite irregular. However, the berry count per bunch was about normal. Those vineyards harvested during the latter part of the season produced some exceptionally heavy yields. Near to slightly above normal temperatures and clear weather were factors which contributed to vigrous plant growth and improved sugar levels. According to the California Crop and Livestock Reporting Service, the statewide estimated average drying ratio for producing raisins was 5.22 tons of green fruit to produce 1 ton of dried product in 1980. This was well above both the 4.55 tons a year earlier and the 4.46 ton five year average.

A strike by winery workers at two major wineries caused some early harvested Thompson Seedless grapes to be diverted from winery utilization to the making of raisins. However, early settlement of this strike prevented any sizable diversion to raisin production.

Turning and rolling of trays, followed by shaking and boxing of the raisin crop were generally completed by the first week of October. However, raisin deliveries to processors ran well behind normal due to the high moisture content of some lots and poor drying weather during the early part of the season. There were no labor shortages during harvest.

Production of raisin type grapes for all uses was estimated at 2,695,000 short tons during 1980. This was up nearly 16% from the 1979 production of 2,320,000 tons. Utilization as raisins was placed at 1,618,000 fresh weight basis tons (equivalent to 310,000 dried tons), up 17½% from a year earlier and the largest quantity dried in the past five years. Competition for raisin type grapes from wineries was no more than moderately active. However, wineries utilized 780,000 tons, up 11% from a year earlier.

A negotiated price agreement for 1980 crop natural Thompson Seedless raisins and Zante currants was announced by the Raisin Bargaining Association on October 2, 1980. The natural Thompson Seedless raisin price was negotiated at $1,200.00 per sweatbox ton, free tonnage basis. This price was based upon the Raisin Administrative Committee crop estimate for 1980 of 257,000 tons. Free tonnage was placed at 56% (145,278 tons) at the time of price negotiation. Zante currants were priced at $1,160.00 per sweatbox ton for 100% of the crop, based upon a 1980 estimate of 3,500 tons. Prices were $50.00 per ton higher than a year earlier on natural Thompson Seedless and $60.00 per ton higher on Zante currants. During the 1980 season prices for dipped seedless were generally settled at the same price as for naturally dried Thompson Seedless or $1,200.00 per ton. Prices for seedless grapes naturally dried but sprayed on the tray with methyl oliate were generally $1,215.00 per ton. The minimum price received for Golden Bleach seedless raisins was $1,200.00 per sweatbox ton. However, there were reports of higher prices but these were not substantiated during the season. Prices paid to growers for fresh Thompson Seedless grapes used in the making of Golden Bleach raisins ranged mostly from $125.00-130.00 per ton.

Deliveries of 1980 crop raisins through May 2, 1981, according to the Raisin Administrative Committee reports, totaled 251,252 tons of natural seedless, 1,568 tons of loose Muscats, 500 tons of Sultanas, 24,520 tons of Golden seedless, 27,050 tons of dipped seedless including "Oleate and related seedless", 3,369 tons of Zante currants and 1,546 tons of Monukkas, all sweatbox weight. Deliveries totaled a record 309,806 tons of all types compared with 302,918 tons to the corresponding date a year earlier.

Shipments of California raisins during the first nine months (August-April) of the 1980-81 marketing season totaled 185,550 tons, including 8,360 tons of reserve raisins, according to RAC reports. A year earlier shipments through April totaled 174,456 tons, including 7,477 tons of reserve raisins. U.S. exports of raisins from August 1980 through April 1981 totaled 44,430 short tons of free tonnage raisins, slightly below the 51,950 tons for the previous season. According to the Bureau of the Census report, the largest export market during the 12 month 1979-80 period (August-July) was Japan with 14,728 metric tons, followed by Canada with 8,087, United Kingdom with 7,695, Federal Republic of Germany with 6,263, and Sweden with 3,419 metric tons.

Imports of foreign raisins to the United States in 1980 totaled 56 metric tons. This was in sharp contrast to the 12,421 tons a year earlier and the smallest quantity imported in the past five years. Chile led with 28 metric tons of raisins made from seed grapes, followed by Greece with 22 metric tons of currants.

TABLE 15. RAISINS: PRODUCTION AND AVERAGE GROWER RETURNS BY VARIETY, CALIFORNIA, 1976-80

Crop Year	Total All 1/	Natural Dried				Dehydrated All Types 2/
		Thompson Seedless	Muscats	Sultanas	Zante Currant	
		Production in short tons, dried basis				
1976	218,000	184,500 3/	420	350	3,380	19,850
1977	248,300	218,800	1,250	430	3,280	24,540
1978	172,200	147,250 4/	1,400	250	3,300	20,000
1979	302,300	263,300	1,600	500	3,400	33,500
1980	310,000 5/	255,500	1,700	500	3,300	49,000
		Average grower returns in dollars				
1976	706.00	664.00 3/	1,050.00	1,050.00	1,050.00	1,050.00
1977	840.00	841.00	834.00	748.00	803.00	836.00
1978	1,067.00	1,018.00 4/	1,600.00	1,600.00	1,600.00	1,300.00
1979	1,151.00	1,153.00	1,150.00	1,049.00	1,100.00	1,142.00
1980	1,193.00	1,195.00	800.00	1,007.00	1,184.00	1,200.00

Source: California Crop and Livestock Reporting Service and the Raisin Administrative Committee.
1/ Excludes raisins produced from table type grapes.
2/ Includes cost of dehydration.
3/ Breakdown of 1976 Thompson Seedless raisins is as follows: 141,500 dry tons for human consumption at $1,050.00 per ton and 76,500 dry tons for distilling at $70.30 per dry ton. There was an additional 65,000 dry tons lost due to rain.
4/ Breakdown of 1978 Thompson Seedless raisins is as follows: 82,250 dry tons for human consumption at $1,742.00 per dry ton and 65,000 dry tons for distilling material at $101.00 per dry ton. There was an additional 56,300 tons lost due to severe weather damage.
5/ The 1980 dried raisin estimate is based on Raisin Administrative Committee reports of deliveries to handlers. This may include up to but no more than 8% substandard raisins. The official California Crop and Livestock Reporting Service raisin estimate for 1980, effective June 1981, was 309,000 short tons, dried basis.

TABLE 16. RAISINS: PRICES TO GROWERS BY TYPE, STANDARD GRADE, FREE TONNAGE, CALIFORNIA, BY SEASON 1976-1980

Year	Natural Thompson Seedless	Golden Seedless	Zante Currants	Sultanas	Muscats		Dipped Seedless 1/
					Natural	Layer	
	Dollars per short ton, sweatbox basis, delivered packer's warehouse						
1976	1,050	680-690	1,050	-	600	650	
1977	840	850	800	725	750	800-850	
1978	1,600	1,600	1,600	2/	2/	2/	
1979	1,150	1,150	1,100	3/	3/	3/	
1980	1,200 4/	1,200	1,160 5/	3/	3/	3/	3/ 1,200

Compiled from California Dried Fruit and Nut Reports issued by the Federal-State Market News Service, Sacramento, California.
1/ In addition, for 1980 crop season those seedless grapes sprayed on the tray with methyl oleate were generally priced to the grower at $1,215 per ton.
2/ Very limited trading, price quotations too few to quote. Most Muscat grapes were delivered to wineries.
3/ Not reported.
4/ Represents negotiated price between the Raisin Bargaining Association and packer-members for free tonnage, effective week of October 3, 1980.
5/ Represents negotiated price between the Raisin Bargaining Association and packer-members for 100% of the crop, effective week of October 3, 1980.

TABLE 17. RAISINS: PRICE QUOTATIONS FOR UNITED KINGDOM-NORTH EUROPEAN PORTS MARKET, BY SPECIFIED COUNTRIES, BY WEEKS, JULY 4, 1980-JUNE 26, 1981

(From U.K. reports by correspondents and trade associations, printed in U.K. Public Ledger, London, England)

Week Ending	Turkey		Greece		Australia	Iran	Afganistan	So. Africa	U. S.
	No. 9	No. 10	No. 2	No. 4 Natural	5 Crown	Maragha	No Grade or Type Specified	No Grade or Type Specified	Natural Thompson Seedless
	Cents per pound								
	Price basis: Spot prices United Kingdom market only, shipment prices United Kingdom-North European ports unless otherwise stated								
1980									
July 4	90.8-94.0 1/2/	-	75.8 3/	75.1-75.3 3/	86.7 4/	90.8-92.9 2/5/	-	-	89.9 2/
11	79.4 3/	-	76.4 4/	-	87.0 4/	-	-	-	-
18	79.4 3/	-	76.4 3/	-	87.0 4/	-	-	-	90.6 5/
25	Not Available								
						Sultanas			
Aug. 1	77.1 3/	-	76.2 3/	75.3 3/	85.7 4/	90.0 5/	-	-	-
8 6/									
15	Not Available								
22	-	-	81.6 7/	-	-	-	-	-	79.0 8/N
29	Not Available								
Sept. 5	78.2 3/	-	81.2 7/	-	87.6 4/	-	-	-	78.0 8/
12	74.8 3/N	76.0 3/N	-	-	87.9 4/	78.5 7/	-	-	-
19	73.7 3/	-	81.6 7/	-	-	-	-	-	77.5 8/
						Maragha			
26	74.0 3/	-	82.6 7/	-	-	74.8 7/	-	-	-
Oct. 3	74.3 3/	-	-	-	-	-	-	-	-
10	73.7 3/	74.8 3/	-	81.2 7/	-	-	-	-	83.0 8/
17	72.6 3/	73.7 3/	-	81.6 7/	-	-	73.0 7/	-	79.0 8/
24	72.6 3/	73.7 3/	81.2 7/	-	-	68.0 3/	-	-	80.0 8/
31	72.6 3/	73.7 3/	80.7 7/	-	-	69.9 3/	-	-	80.0 8/
Nov. 7	75.5 3/	77.1 3/	81.2 7/	-	-	69.9 3/	-	-	80.0 8/
14	75.5 3/	77.1 3/	80.7 7/	-	-	69.9 3/	-	-	80.0 8/
21	75.5 3/	77.1 3/	79.8 7/	-	-	71.4 7/	-	-	80.0 8/
28	-	-	79.4 7/	-	-	70.3 7/	-	-	80.0 8/
Dec. 5	74.8 3/	74.3 3/	79.4 7/	-	-	-	-	-	80.0 8/
12	72.6 3/	70.3 3/	79.4 7/	-	-	-	-	-	80.0 8/
19	72.6 3/	-	77.1 7/	-	-	80.7 9/	-	-	79.0 8/
26	Not Available								
1981									
Jan. 2	Not Available								
9	73.7 7/	-	-	-	-	73.7 7/	-	-	79.0 8/
16	73.7 3/	-	78.0 7/	-	-	74.8 7/	-	-	-
23	72.7 3/	-	78.0 7/	-	-	74.8 7/	-	-	79.0 8/
30	70.3 3/	-	78.0 7/	76.2 7/	-	72.8 7/	-	-	79.0 8/
Feb. 6	68.0 3/	-	76.2 7/	74.8 7/	-	-	-	-	80.0 8/
13	62.2 3/	-	72.6 3/	-	-	70.3 7/	-	-	80.0 8/
20	65.8 3/	-	72.6 3/	71.2 3/	-	72.6 7/	-	-	78.0 8/
27	68.0 3/	-	72.6 3/	71.2 3/	-	-	-	-	79.0 8/
Mar. 6	68.0 3/	70.3 3/	73.9 3/	72.6 3/	-	70.3 7/	-	-	79.0 8/
13	65.8 3/	-	73.9 3/	72.6 3/	-	70.3 7/	-	-	79.0 8/
20	65.2 3/	66.4 3/	73.5 7/	72.1 7/	-	-	-	-	79.0 8/
27	65.8 3/	-	74.6 7/	-	-	-	-	-	79.0 8/
Apr. 3	65.8 3/	-	75.8 7/	74.4 7/	78.7 7/10/	65.8 7/	-	73.0 4/11/	-
10	65.8 3/	-	75.8 7/	74.8 7/	-	-	-	-	79.0 8/
17	-	-	77.1 7/	-	-	-	-	-	79.5 8/
24	73.4 9/	-	74.8 7/	-	-	-	-	-	-
May 1	68.0 1/	-	77.9 2/	-	-	65.8 7/	-	-	-
8	72.1 2/	-	73.0 7/	-	-	63.5 7/	-	-	92.3 5/
15	72.6 3/	73.7 3/	72.6 7/	71.4 7/	-	63.5 7/	-	-	90.4 5/
22	74.8 3/	77.1 3/	72.6 7/	71.2 7/	-	63.5 7/	-	-	90.2 5/
29	72.6 3/	-	65.8 7/	64.4 7/	-	63.5 7/	-	-	90.3 5/12/
June 5	72.6 3/	-	65.8 7/	64.4 7/	-	-	-	-	84.2 2/
12	68.0 3/	-	64.6 7/	-	-	63.5 7/	-	-	88.8 5/
19	68.0 3/	-	62.6 3/	-	-	63.5 7/	-	-	-
26	-	-	63.5 7/	62.1 7/	-	-	-	-	-

Compiled from weekly Foreign Fruit and Nut Reports received from the Foreign Agricultural Service, U.S. Department of Agriculture, Washington D.C.

1/ Spot basis.
2/ Ex-warehouse.
3/ F.o.b. producing country.
4/ Cost, insurance and freight.
5/ Landed duty paid.
6/ Significant prices not available.
7/ Cost and freight.
8/ Free alongside ship.
9/ Ex-wharf.
10/ Represents 3 crown price.
11/ Grade not stated.
12/ Ex-store.
N - Nominal.

TABLE 18. RAISINS: SHIPMENTS OF FREE AND RESERVE TONNAGE, BY VARIETAL TYPE, BY OUTLET, CALIFORNIA, 1976-80 SEASONS

Varietal Type and Outlet	Season - August Through July				
	1976	1977	1978	1979 1/	1980 2/
	Short tons - packed weight basis				
Free Tonnage					
Natural Seedless 3/					
Domestic & Canada	116,461	125,736	88,826	124,778	113,241
Export	9,792	43,725	18,830	53,888	38,492
Government Free	-	-	-	202	26
Government Purchase	-	35	-	-	-
Total	126,253	169,496	107,656	178,872	151,759
Muscats					
Domestic & Canada	780	487	526	548	772
Export	10	27	-	156	8
Total	790	514	526	704	780
Sultanas					
Domestic	225	284	146	286	270
Export	-	-	-	130	-
Total	225	284	146	416	270
Golden Seedless					
Domestic	11,082	11,237	7,349	9,893	8,595
Export	1,331	2,846	1,131	6,047	5,128
Total	12,413	14,083	8,480	15,940	13,723
Dipped Seedless					
Domestic	5,198	5,657	10,845	9,004	7,148
Export	21	438	75	2,488	185
Reserve Export	-	-	-	56	4,108
Total	5,219	6,095	10,920	11,548	11,441
Zante Currants					
Domestic	2,227	2,273	2,159	2,939	1,927
Export	194	690	169	939	602
Total	2,421	2,963	2,328	3,878	2,529
Other Varieties					
Domestic	389	396	282	415	781
Export	3	-	-	8	15
Total	392	396	282	423	796
Total Free Tonnage	147,713	193,831	130,338	211,781	181,298
Reserve Tonnage					
Natural Seedless 3/					
Export	24,096	-	-	-	-
USDA Sales	-	-	-	-	-
Government Reserve	-	-	2,078	7,421	2,782
Total	24,096	-	2,078	7,421	2,782
Dipped Seedless					
Export	-	-	-	-	-
USDA Sales	-	-	-	-	-
Government Reserve	-	-	292	-	1,470
Total	-	-	292	-	1,470
GRAND TOTAL	171,809	193,831	132,708	219,202	185,550

Compiled from reports of the Raisin Administrative Committee, Fresno, California.
1/ Revised. 2/ 1980 season through April 1981. 3/ Includes Thompson Seedless

TABLE 19. RAISINS: U.S. IMPORTS FOR CONSUMPTION, BY COUNTRY OF ORIGIN, CALENDAR YEARS 1976-80 1/

Country of Origin	Calendar Year				
	1976	1977	1978	1979	1980
	In metric tons				
Afghanistan	21	6,985	931	6,747	-
Argentina	-	85	20	52	-
Australia	96	105	548	688	4
Austria	-	-	53	-	-
Bulgaria	-	67	-	-	-
Canada	20	1	124	6	-
Chile	-	-	-	102	28
China, Mainland	-	-	-	1	-
Germany, Federal Republic of	-	13	4	4	2
Greece	846	3,230	570	1,298	22
India	-	25	-	1	-
Iran	87	920	34	586	-
Israel	-	-	2	5	-
Italy	-	-	117	-	-
Mexico	628	70	1,553	384	-
Netherlands Antilles	-	-	14	-	-
Republic of South Africa	-	-	151	22	-
Spain	-	-	-	20	-
Turkey	22	79	136	2,505	-
Yeman	-	537	-	-	-
Other	1	2	-	-	-
Total	1,722	12,119	4,257	12,421	56

Source: U.S. Department of Commerce, Bureau of the Census, Washington, D.C.
1/ Includes raisins from seedless grapes; raisin Sultanas; raisin currants, dried; raisins from seed grapes; raisins from other grapes, dried.
NOTE: Columns will not necessarily add due to rounding.
Metric ton = 2,204.6 pounds.

TABLE 20. RAISINS: EXPORTS FROM THE UNITED STATES, BY AREA AND COUNTRIES OF DESTINATION, CROP YEARS BEGINNING AUGUST 1, 1976-80, AND BY SELECTED COUNTRIES OF DESTINATION 1980-81 (AUGUST-MARCH)

Area and Country of Destination	1976-77	1977-78	1978-79	1979-80	1980-81
			In metric tons		
North America					
Canada	6,037	6,792	4,570	8,087	5,259
Mexico	67	132	343	104	-
Total	6,104	6,924	4,913	8,191	5,259
Central America					
Costa Rica	14	26	12	37	-
Guatemala	43	59	94	61	-
Honduras	7	40	23	18	-
Panama	91	167	73	211	-
Other	37	70	37	30 1/	-
Total	192	362	237	356	-
Caribbean					
Bahamas	52	62	31	54	-
Bermuda	113	40	60	62	-
Dominican Republic	83	104	39	189	-
French West Indies	1	17	15	61	-
Jamaica	9	3	4	75	-
Netherlands Antilles	67	80	138	69	-
Trinidad Tobago	25	38	17	56	-
Other	13	23	14	17 1/	-
Total	353	366	318	584	-
South America					
Argentina	-	22	20	373	-
Brazil	1	221	59	122	-
Colombia	117	187	148	801	-
Ecuador	81	151	79	143	-
Surinam	11	7	1	49	-
Venezuela	711	1,400	615	1,168	-
Other	13	25	7	52 1/	-
Total	933	2,014	930	2,709	-
European Community					
Belgium-Luxembourg	784	1,277	607	1,221	824
Denmark	2,016	2,237	1,347	2,396	1,491
France	157	708	116	2,635	1,048
Germany, Federal Republic of	1,603	3,161	1,734	6,263	4,956
Ireland	57	51	17	525	17
Italy	5	-	153	559	1
Netherlands	1,246	2,012	716	2,604	1,240
United Kingdom	3,743	2,786	692	7,695	3,597
Total	9,612	12,231	5,381	23,899	13,174
Other Western Europe					
Austria	20	92	13	192	-
Finland	2,956	2,022	1,390	2,411	1,654
Iceland	74	130	72	141	-
Norway	1,153	1,560	1,007	2,058	1,462
Portugal	6	-	-	93	-
Spain	28	26	-	114	-
Sweden	3,116	3,135	2,095	3,419	2,697
Switzerland	679	797	472	629	-
Other	8	4	-	1 1/	755
Total	8,039	7,765	5,048	9,059	6,568
U.S.S.R. and East Europe					
U.S.S.R.	-	1,486	-	539	-
Middle East					
Israel	-	30	-	124	-
Lebanon	-	4	2	293	-
Saudi Arabia	64	64	24	84	-
Other	11	7	2	8 1/	-
Total	75	105	29	509	-
Far East					
China, Taiwan	487	1,213	389	1,939	-
Hong Kong	165	396	155	757	597
Indonesia	40	80	34	75	-
Japan	13,458	16,243	4,909	14,728	11,384
Korea, Republic of	95	279	120	551	-
Malaysia	247	347	226	411	-
Singapore	304	450	298	868	-
Thailand	149	144	40	108	-
Other	78	242	185	66 1/	-
Total	15,021	19,393	6,357	19,503	11,981
Africa					
Canary Islands	12	18	7	31	-
Other	21	66	4	17 1/	-
Total	33	85	11	47	-
Australia and Pacific					
New Zealand	678	759	395	630	-
Other	14	27	17	17 1/	-
Total	692	786	412	647	-
GRAND TOTAL	41,064	51,517	23,635	66,042	43,990 2/

Source: U.S. Department of Commerce, Bureau of the Census, Washington, D.C.

1/ For crop year 1979-80 "Other" by area of destination includes the following specified country totals: Central America - Belize 8, El Salvador 15, Nicaragua 7; Caribbean - Haiti 9, Leeward and Windward Islands 4, Not Specified 4; South America - Bolivia 22, Guyana 9, Peru 13, Uruguay 8; Other Western Europe - Not Specified 1; Middle East - Bahrain 1, Kuwait 4, United Arab Emirates 2, Not Specified 1; Far East - India 37, Philippines 23, Not Specified 6; Africa - Kenya 16, Not Specified 1; Australia and Pacific - French Pacific Islands 12, Trust Territory of the Pacific Islands 5.

2/ Crop year 1980-81 includes the following: Latin America 1,917, Bermuda and Caribbean 432, Other Countries 4,658.

NOTE: Columns will not necessarily add due to rounding.

Metric ton = 2,204.6 pounds.

MARKETING CALIFORNIA WINE AND WINE GRAPES - 1980-81 SEASON

GRAPE PRODUCTION

The apparent normal grape crop in California early in the season turned out to be the largest of record. The production totaled a whopping 5.1 million tons, 547,000 tons above the previous record set a year earlier. Wine and raisin types were up 189,000 and 370,000 tons respectively, but table type declined 12,000 tons. The potential for a large crop stemmed from the very heavy plantings during the period 1971-74, especially 1972 and 1973 when 58,491 and 62,163 acres respectively were planted.

A mild winter followed by an abnormally cool, damp spring contributed to poor sets in certain areas, particularly along the central and southern coast and in Southern California. Some areas received above normal damage from mildew, shatter and insects. Extended periods of high temperatures, including a record heat wave during late August and early September adversely affected certain white varieties. Production in District 8, 7 and 16 ranged from 31-46% below that of 1979.

A strike by winery, distillery, and allied workers went into effect on September 5 and continued until September 21, somewhat disrupting early season harvest. However, a long cool period at that time retarded grape maturity and sugar development by 10 days to three weeks, depending upon the area, delaying the need to harvest.

The large crop and large carryover of wine exerted some downward pressure on grape prices. However, the demand for dry white table wines continued its upward spiral. Price trends continued strong for Chardonnay, Gewurztraminer, Muscat Blanc, and Sauvignon Blanc and for certain top quality blacks including Cabernet Sauvignon, Napa Gamay, Pinot Noir (for champagne), and Zinfandel. However, most black varieties and a few white varieties were priced lower than in 1979. The final Grape Crush Report released March 10, 1981 contains detail coverage of prices to growers.

MARKETING WINE

Marketings of California wines to all markets in 1980, when compared with 1979, showed an 8% increase for wines, not over 14% alcohol; a decrease of 7.9% for wines over 14% alcohol; an increase of 9.6% for sparkling types; and an increase of 7.8% for all types. White wines represented nearly 57% of the total movement, rose types over 23%; and reds 20%. White wines continued to increase their percentage of the market.

IMPORTS

Imported wines continued their market invasion, particularly those from Italy which increased 39% in 1980. Italian wines represented about 62% of the total imports. In second and third place were West Germany, representing a little over 13% of the total imports and France with 12.5%. Imports accounted for around 22% of the total U.S. market in 1980, up slightly from 1979.

EXPORTS

Exports made an impressive percentage increase in 1980 but still accounted for only 2% of the total U.S. production. Considerably more interest has been generated in U.S. wine through international wine tastings. Canada was the leading importer of U.S. wines, taking over 66% of the total U.S. exports. The Bahamas, United Kingdom, Bermuda, the Netherlands Antilles, Belgium-Luxembourg and Japan in that order were the next most important markets. These seven countries represented around 85% of the total U.S. wine exports.

TABLE 21. CALIFORNIA WINE: INVENTORIES IN CALIFORNIA, BY TYPE, BY MONTHS 1977-80

Month	1977	1978	1979	1980	1977	1978	1979	1980
				1,000 gallons				
	Table Wine				Dessert Wine 1/			
Jan.	327,219	361,074	371,997	427,608	83,175	80,156	69,102	66,319
Feb.	309,077	344,068	349,442	402,341	78,211	76,736	64,576	63,012
Mar.	283,133	317,961	357,083	375,323	74,062	76,863	66,279	58,388
Apr.	264,174	295,406	332,985	357,728	72,037	75,983	63,185	61,253
May	247,146	274,836	291,032	331,819	68,432	69,138	61,300	55,551
June	225,562	251,206	281,581	305,337	66,150	64,283	58,726	56,297
July	209,965	223,657	277,216	279,948	60,250	57,688	58,389	53,969
Aug.	202,057	236,081	268,924	273,203	58,073	57,486	54,420	49,161
Sept.	279,155	328,093	376,494	393,681	73,175	66,192	65,225	55,019
Oct.	379,263	436,788	439,157	531,707	83,371	74,611	66,732	71,965
Nov.	386,176	438,462	462,776	515,393	84,895	72,717	69,363	69,347
Dec.	383,349	412,638	446,373	503,506	81,604	71,711	67,076	65,473
	Sparkling Wine				Total All Wine			
Jan.	5,665	5,933	5,160	5,992	416,058	447,163	446,259	499,919
Feb.	6,442	6,251	6,463	5,317	393,730	427,055	420,480	470,670
Mar.	6,746	6,437	6,587	5,692	363,941	401,261	429,950	439,403
Apr.	7,317	6,958	7,621	6,658	343,529	378,347	403,790	425,639
May	6,808	7,178	7,527	7,073	322,386	351,152	359,857	394,443
June	6,244	6,766	7,430	6,947	297,956	322,255	347,739	368,581
July	6,469	7,447	7,964	7,479	276,684	288,792	343,569	341,396
Aug.	6,922	7,959	8,593	7,672	267,052	301,526	331,937	330,036
Sept.	6,714	7,812	7,936	7,966	359,044	402,097	449,656	456,666
Oct.	6,658	5,063	7,021	7,750	469,292	516,462	512,910	611,422
Nov.	6,157	9,126	6,363	6,954	477,229	520,305	538,506	591,694
Dec.	5,491	5,338	5,615	5,692	470,443	489,687	519,064	574,671

Compiled from copyrighted material of the Wine Institute, San Francisco, California and reproduced with their permission.
1/ Includes Vermouth and special natural wines.
NOTE: Columns will not necessarily add due to rounding.

TABLE 22. GRAPES: CRUSHED BY TYPE, CALIFORNIA, ANNUAL 1961-1980 SEASON

Season	Raisin Type: Thompson Seedless 1/	Raisin Type: Muscat	Table Type	Wine Type	Total All Types
			In tons		
1961	666,914	54,015	240,626	413,233	1,374,788
1962	570,493	75,530	306,735	565,262	1,518,020
1963	778,129	87,643	375,529	568,801	1,810,102
1964	622,773	76,449	286,507	538,666	1,524,395
1965	879,385	98,976	381,402	693,794	2,053,557
1966	631,946	40,324	299,021	611,665	1,582,956
1967	536,356	74,398	267,382	570,405	1,448,541
1968	670,767	32,962	250,769	595,158	1,549,656
1969	792,819	51,939	429,222	711,004	1,984,984
1970	821,612	29,428	158,882	494,411	1,504,333
1971	1,157,066	46,182	287,809	711,208	2,202,265
1972	703,767	13,305	142,442	594,754	1,454,268
1973	1,153,228	59,368	283,124	978,179	2,473,899
1974	712,871	40,029	378,334	1,174,722	2,305,956
1975	684,381	33,560	224,018	1,216,673	2,158,632
1976	717,268	35,964	219,734	1,222,358	2,195,324
1977	544,779	46,284	278,613	1,471,529	2,341,205
1978	637,557	54,086	184,908	1,641,493	2,518,044
1979	660,393	34,971	183,367	1,688,867	2,567,598
1980	720,968	61,613	197,943	1,891,564	2,872,088

Compiled from Weekly Grape Crush Reports, Federal-State Market News Service, San Francisco, California.
1/ Other raisin type tonnage (mostly Sultanas) included in Thompson figures.
NOTE: Data incomplete since many small wineries are not contacted on a weekly basis.

TABLE 23. CALIFORNIA GRAPES: CRUSHED BY TYPE, BY DISTRICT, 1980 SEASON

In tons

Date	Lodi - Modesto 2/					Other Central Valley 3/					All Central Valley				
	Raisin Type 1/ Thompson	Raisin Type 1/ Muscat	Table Type	Wine Type	Total	Raisin Type 1/ Thompson	Raisin Type 1/ Muscat	Table Type	Wine Type	Total	Raisin Type 1/ Thompson	Raisin Type 1/ Muscat	Table Type	Wine Type	Total
Aug. 2-16	656	-	747	1,774	3,177	7,078	-	2,659	3,320	13,057	7,734	-	3,406	5,094	16,234
23	1,258	-	832	7,147	9,237	27,490	6	2,040	18,049	47,585	28,748	6	2,872	25,196	56,822
30	4,196	-	-	18,628	22,824	40,684	-	1,488	64,076	106,248	44,880	-	1,488	82,704	129,072
Sept. 6	8,362	-	18,695	21,147	48,204	43,798	545	1,717	91,236	137,296	52,160	545	20,412	112,383	185,500
13	8,188	-	26,348	44,336	78,872	69,696	2,606	1,688	98,435	172,425	77,884	2,606	28,036	142,771	251,297
20	14,982	-	23,501	67,349	105,832	89,877	2,984	2,364	109,524	204,749	104,859	2,984	25,865	176,873	310,581
27	14,847	-	18,402	72,492	105,741	112,815	9,676	2,894	122,482	247,867	127,662	9,676	21 296	194,974	353,608
Oct. 4	17,434	-	12,101	80,557	110,092	100,565	9,621	4,580	116,231	230,997	117,999	9,621	16,.81	196,788	341,089
11	11,088	1,025	7,258	82,909	102,280	75,498	9,813	6,213	115,346	206,870	86,586	10,838	13,471	198,255	309,150
18	9,010	-	3,415	76,476	88,901	36,706	12,092	10,767	94,413	153,978	45,716	12,092	14,182	170,889	242,879
25	982	61	971	50,269	52,283	12,201	4,917	12,187	81,832	111,137	13,183	4,978	13,158	132,101	163,420
Nov. 1	195	946	790	30,574	32,505	5,213	3,142	7,115	42,897	58,367	5,408	4,088	7,905	73,471	90,872
8	-	-	26	3,053	3,079	836	1,604	8,713	28,730	39,883	836	1,604	8,739	31,783	42,962
15	-	-	10	59	69	274	513	6,368	4,734	11,889	274	513	6,378	4,793	11,958
22	-	-	-	-	-	30	307	5,279	3,016	8,632	30	307	5,279	3,016	8,632
29	-	-	-	-	-	82	-	2,349	591	3,022	82	-	2,349	591	3,022
Dec. 6-Jan. 3	-	-	-	-	-	606	21	6,074	60	6,761	606	21	6,074	60	6,761
Total															
1980	91,198	2,032	113,096	556,770	763,096	623,449	57,847	84,495	994,972	1,760,763	714,647	59,879	197,591	1,551,742	2,523,859
1979	76,066	491	110,774	486,263	673,594	580,833	33,576	71,399	830,751	1,516,559	656,899	34,067	182,173	1,317,014	2,190,153

Date	Coastal District 4/					Southern California 5/					All Districts				
	Raisin Type 1/ Thompson	Raisin Type 1/ Muscat	Table Type	Wine Type	Total	Raisin Type 1/ Thompson	Raisin Type 1/ Muscat	Table Type	Wine Type	Total	Raisin Type 1/ Thompson	Raisin Type 1/ Muscat	Table Type	Wine Type	Total
Aug. 2-16	200	-	-	200		-	-	-	-	-	7,934	-	3,406	5,094	16,434
23	498	-	-	1,013	1,511	-	-	-	1,043	1,043	29,246	6	2,872	27,252	59,376
30	790	-	-	6,305	7,095	-	-	41	1,962	2,003	45,670	-	1,529	90,971	138,170
Sept. 6	849	-	-	8,764	9,613	-	-	13	2,553	2,566	53,009	545	20,425	123,700	197,679
13	857	104	-	13,470	14,431	-	-	98	3,922	4,020	78,741	2,710	28,134	160,163	269,748
20	791	296	-	20,604	21,691	-	98	1	4,112	4,211	105,650	3,378	25,866	201,589	336,483
27	704	254	-	34,421	35,379	-	162	44	4,455	4,661	128,366	10,092	21,340	233,850	393,648
Oct. 4	702	152	52	49,792	50,698	-	-	48	3,537	3,585	118,701	9,773	16,781	250,117	395,372
11	662	181	-	59,784	60,627	-	35	-	3,860	3,895	87,248	11,054	13,471	261,849	373,622
18	222	152	26	48,395	48,795	-	-	6	3,465	3,471	45,938	12,244	14,214	222,749	295,145
25	-	-	-	34,665	34,665	-	-	-	1,857	1,857	13,183	4,978	13,158	168,323	199,642
Nov. 1	-	186	23	22,023	22,232	-	46	-	182	228	5,408	4,320	7,928	95,676	113,332
8	46	68	-	7,404	7,518	-	-	-	185	185	882	1,672	8,739	39,372	50,665
15	-	-	-	2,128	2,128	-	-	-	-	-	274	513	6,378	6,921	14,086
22	-	-	-	271	271	-	-	-	-	-	30	307	5,279	3,287	8,903
29	-	-	-	-	-	-	-	-	-	-	82	-	2,349	591	3,022
Dec. 6-Jan. 3	-	-	-	-	-	-	-	-	-	-	606	21	6,074	60	6,761
Total															
1980	6,321	1,393	101	309,039	316,854	-	341	251	31,133	31,725	720,968	61,613	197,943	1,891,564	2,872,088
1979	1,718	551	122	343,939	346,330	1,776	353	1,072	27,914	31,115	660,393	34,971	183,367	1,688,867	2,567,598

Compiled from weekly Grape Crush Reports, Federal-State Market News Service, San Francisco, California.
1/ Sultanas and Zante Currants included in Thompson figures.
2/ Includes the San Joaquin Valley north of Merced and Sacramento and Amador Counties.
3/ Includes the San Joaquin Valley south of Merced and north of the Tehachapi Mountains.
4/ Includes Alameda, Contra Costa, Mendocino, Monterey, Napa, San Benito, Santa Clara, Santa Cruz, Solano and Sonoma Counties.
5/ Includes San Bernardino, San Diego and Riverside Counties.
NOTE: Data incomplete since many small wineries are not contacted on a weekly basis.

DEFINITION OF DISTRICTS

1. Mendocino County
2. Lake County
3. Sonoma and Marin counties
4. Napa County
5. Solano County
6. Alameda, Contra Costa, Santa Clara, San Francisco, San Mateo, and Santa Cruz counties
7. Monterey and San Benito counties
8. San Luis Obispo, Santa Barbara and Ventura counties
9. Sacramento and Yolo counties east of Interstate 5 and north of Interstate 80; Del Norte, Siskiyou, Modoc, Humboldt, Trinity, Shasta, Lassen, Tehama, Plumas, Glenn, Butte, Colusa, Sutter, Yuba and Sierra counties
10. Nevada, Placer, El Dorado, Calaveras, Amador, Tuolumne, and Mariposa counties
11. San Joaquin County north of State Highway 4
12. San Joaquin County south of State Highway 4; Stanislaus and Merced counties
13. Madera, Fresno, Alpine, Mono, Inyo counties; and Kings and Tulare counties north of Nevada Avenue (Avenue 192)
14. Kings and Tulare counties south of Nevada Avenue (Avenue 192); and Kern County
15. Los Angeles and San Bernardino counties
16. Orange, Riverside, Imperial, and San Diego counties
17. Sacramento and Yolo counties west of Interstate 5 and south of Interstate 80

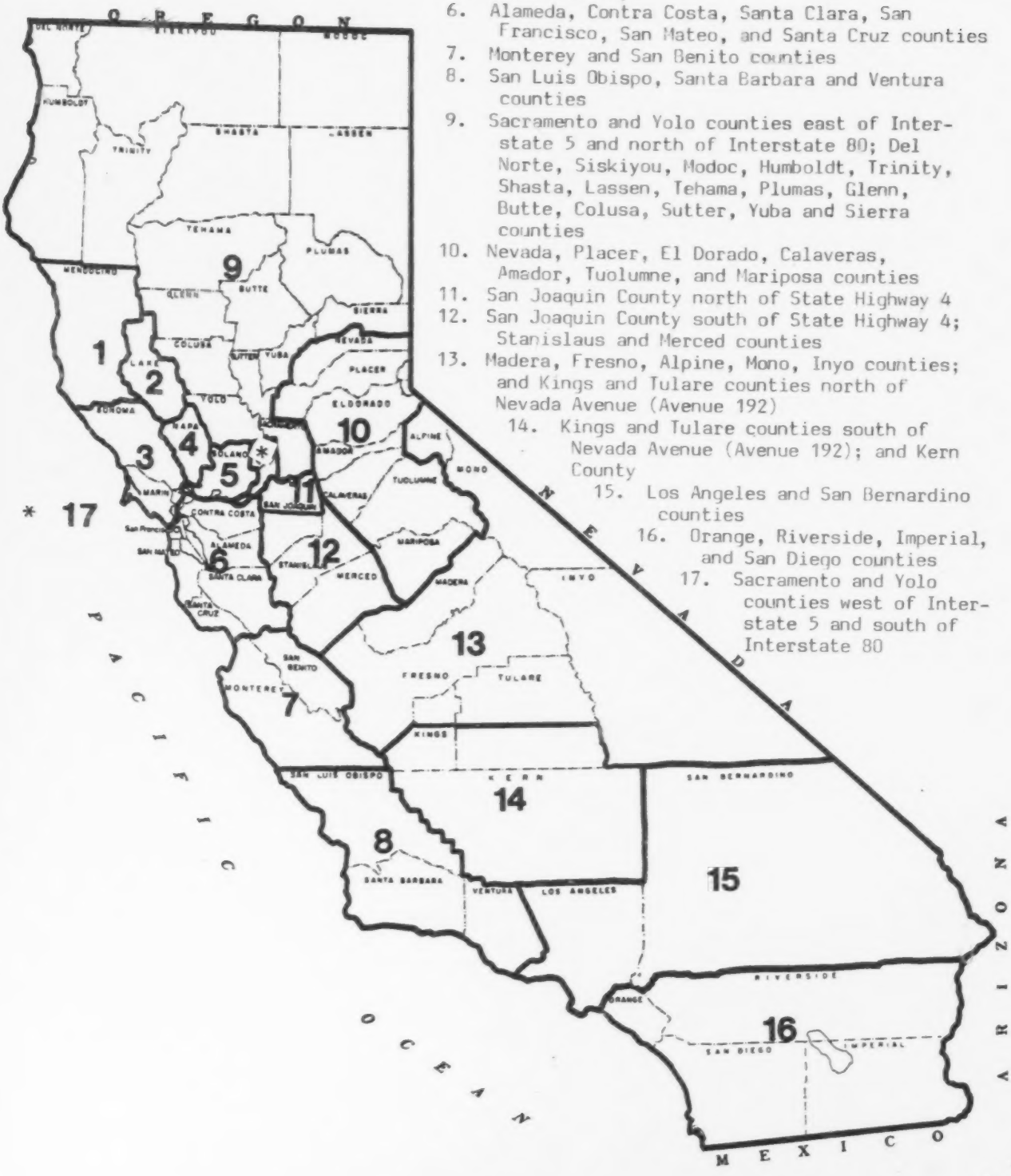

TABLE 24. GRAPES FOR CRUSHING, WEIGHTED AVERAGE BASE PRICE* PAID TO GROWERS, BY DISTRICT, BY TYPE AND VARIETY, CALIFORNIA 1978-80

District, Type and Variety	1978	1979	1980
	Dollars per ton - delivered winery		
DISTRICT 1 1/			
Wine Type (White)			
Chardonnay	787.94	795.35	744.64
Chenin Blanc	523.79	533.56	539.27
Flora	359.46	357.19	361.00
French Colombard	373.00	377.32	372.81
Gewurztraminer	795.44	740.19	703.26
Gray Riesling	509.87	529.21	544.23
Green Hungarian	420.53	478.82	434.52
Palomino	298.32	298.20	275.50
Pinot Blanc	627.37	639.41	626.41
Sauvignon Blanc	604.56	654.04	682.71
Sauvignon Vert	307.13	325.00	310.43
Sylvaner	476.85	500.00	500.00
White Riesling	568.32	571.59	606.67
Wine Type (Black)			
Barbera	400.00	400.00	400.00
Cabernet Sauvignon	464.92	423.41	428.23
Carignane	252.71	255.18	246.45
Charbono	400.00	390.31	391.45
Early Burgundy	325.00	325.00	282.88
Gamay (Napa)	411.95	400.00	374.35
Gamay Beaujolais	352.18	340.54	319.61
Grenache	314.80	310.10	330.91
Merlot	435.64	432.34	392.64
Petite Sirah	421.29	398.36	388.49
Pinot Noir	356.41	337.85	355.51
Pinot St. George	415.52	390.52	418.40
Refosco/Mondeuse	350.93	323.76	325.00
Ruby Cabernet	350.79	309.46	277.81
Zinfandel	444.84	450.47	433.47
DISTRICT 2 1/			
Wine Type (White)			
Chenin Blanc	523.79	525.00	504.59
Gewurztraminer	-	-	719.59
Muscat Blanc	-	-	550.00
Sauvignon Blanc	604.56	616.34	653.92
White Riesling	568.32	552.38	539.10
Wine Type (Black)			
Cabernet Sauvignon	464.92	353.56	382.23
Gamay (Napa)	411.95	331.74	347.79
Merlot	-	-	400.00
Petite Sirah	421.29	361.88	341.12
Pinot Noir	356.41	302.88	-
Ruby Cabernet	350.79	316.43	-
Zinfandel	444.84	400.23	422.21
DISTRICT 3			
Wine Type (White)			
Burger	305.26	323.87	321.35
Chardonnay	778.20	781.22	834.73
Chenin Blanc	522.18	509.14	527.37
Flora	366.61	358.31	357.23
French Colombard	358.42	372.08	373.11
Gewurztraminer	737.77	744.93	729.52
Gray Riesling	494.10	482.35	478.73
Green Hungarian	402.60	418.26	440.13
Muscat Blanc	598.25	463.52	629.57
Palomino	286.67	287.18	279.63
Pinot Blanc	-	-	850.00
Sauvignon Blanc	682.04	656.12	736.96
Sauvignon Vert	305.33	325.85	324.18
Semillon	408.34	404.54	402.67
Sylvaner	441.39	461.97	454.66
White Riesling	577.18	596.86	600.77
Wine Type (Black)			
Alicante Bouschet	209.35	271.85	263.46
Barbera	418.03	413.78	367.07
Cabernet Sauvignon	454.63	401.05	416.08
Carignane	253.56	270.22	270.88
Early Burgundy	335.33	321.99	315.55
Gamay (Napa)	412.54	402.40	400.08
Gamay Beaujolais	358.32	325.16	318.45
DISTRICT 3 (Cont'd)			
Wine Type (Black) (Cont'd)			
Grenache	279.83	264.91	253.48
Mataro	267.47	278.07	-
Merlot	440.82	409.38	404.63
Petite Sirah	415.72	404.32	400.81
Pinot Noir	364.08	335.00	359.65
Pinot St. George	409.75	411.93	378.99
Refosco/Mondeuse	337.56	323.76	325.00
Ruby Cabernet	359.09	323.44	300.56
Zinfandel	441.04	453.70	451.65
DISTRICT 4			
Raisin Type			
Muscat	550.62	620.00	500.00
Wine Type (White)			
Burger	307.55	321.97	320.48
Chardonnay	806.35	903.87	1,005.35
Chenin Blanc	521.65	531.11	534.35
Flora	366.89	387.75	394.89
French Colombard	357.13	375.96	381.31
Gewurztraminer	680.59	648.85	725.99
Gray Riesling	500.26	495.02	482.71
Green Hungarian	360.20	423.74	408.08
Malvasia Bianca	400.00	400.00	400.00
Muscat Blanc	544.61	601.18	633.65
Palomino	287.73	290.62	279.83
Pinot Blanc	660.22	693.49	754.38
Sauvignon Blanc	583.04	664.11	729.78
Sauvignon Vert	307.83	322.15	319.55
Semillon	401.23	497.52	472.49
Sylvaner	410.31	415.93	399.58
Traminer	-	400.00	386.10
White Riesling	601.71	620.59	646.68
Wine Type (Black)			
Barbera	354.71	325.00	-
Cabernet Franc	624.45	707.02	896.55
Cabernet Sauvignon	485.46	521.85	557.83
Carignane	255.88	265.58	268.08
Charbono	440.95	445.71	443.03
Early Burgundy	327.86	325.00	323.06
Gamay (Napa)	419.49	400.93	402.60
Gamay Beaujolais	336.85	341.95	357 16
Grand Noir	200.00	258.19	275.00
Grenache	277.71	282.29	260.31
Grignolino	-	261.40	-
Mataro	-	275.00	275.00
Merlot	474.57	515.35	536.18
Petite Sirah	417.39	412.66	411.39
Pinot Noir	408.60	427.02	489.68
Pinot St. George	378.44	400.00	325.00
Refosco/Mondeuse	340.89	325.00	319.21
Ruby Cabernet	345.57	317.64	315.96
Syrah-French/Shiraz	-	-	400.29
Zinfandel	468.13	486.71	485.52
DISTRICT 5			
Wine Type (White)			
Chenin Blanc	411.28	414.39	361.40
Flora	346.95	250.00	375.00
French Colombard	337.98	329.12	331.61
Gray Riesling	463.66	425.48	396.23
Palomino	273.06	250.00	246.03
Sauvignon Vert	289.05	312.09	307.54
Wine Type (Black)			
Cabernet Sauvignon	382.70	324.45	234.70
Carignane	232.44	225.81	206.83
Early Burgundy	269.66	280.81	259.89
Gamay (Napa)	389.70	336.91	315.72
Gamay Beaujolais	-	275.00	-
Petite Sirah	370.52	337.34	360.78
Pinot Noir	313.25	275.00	268.23
Zinfandel	369.59	350.00	327.66

(Continued)

TABLE 24. GRAPES FOR CRUSHING, WEIGHTED AVERAGE BASE PRICE* PAID TO GROWERS, BY DISTRICT, BY TYPE AND VARIETY, CALIFORNIA 1978-80 (Cont'd)

District, Type and Variety	1978	1979	1980
	Dollars per ton - delivered winery		
DISTRICT 6			
Wine Type (White)			
Chardonnay	861.82	861.43	847.32
Chenin Blanc	504.02	520.69	556.67
Emerald Riesling	424.00	481.39	484.84
Folle Blanche	-	365.00	-
French Colombard	337.46	273.13	362.53
Gray Riesling	530.00	570.00	550.00
Green Hungarian	425.00	485.60	450.00
Malvasia Bianca	-	402.07	464.07
Muscat Blanc	-	570.00	-
Pinot Blanc	553.42	603.35	618.55
Sauvignon Vert	-	322.19	323.81
Semillon	394.30	408.20	362.69
White Riesling	515.21	585.00	617.11
Wine Type (Black)			
Cabernet Sauvignon	445.09	492.64	517.33
Carignane	201.28	191.32	217.14
Gamay (Napa)	-	400.00	-
Gamay Beaujolais	396.90	383.27	415.00
Grenache	203.57	213.68	235.82
Mataro	232.94	248.02	173.42
Mission	-	146.01	-
Pinot Noir	-	380.77	355.81
Pinot St. George	-	272.15	-
Ruby Cabernet	235.62	249.11	226.00
Zinfandel	368.76	433.61	436.49
DISTRICT 7 2/			
Wine Type (White)			
Chardonnay	725.01	637.87	729.34
Chenin Blanc	492.24	507.70	521.20
Emerald Riesling	400.00	400.00	400.00
French Colombard	388.45	363.80	372.35
Gewurztraminer	674.01	710.23	701.27
Gray Riesling	479.12	494.04	489.77
Malvasia Bianca	400.00	400.00	400.00
Muscat Blanc	-	419.16	505.20
Pinot Blanc	540.76	548.37	560.35
Sauvignon Blanc	545.68	568.24	575.89
Semillon	409.95	400.00	416.79
Sylvaner	462.70	438.33	452.60
White Riesling	509.37	469.74	565.61
Wine Type (Black)			
Barbera	287.17	240.87	-
Cabernet Sauvignon	352.69	225.51	246.56
Carnelian	187.50	225.00	225.00
Centurian	243.75	225.00	225.00
Early Burgundy	257.52	250.87	239.46
Gamay (Napa)	335.81	312.23	324.65
Gamay Beaujolais	292.94	272.82	264.00
Grenache	218.43	224.20	225.56
Merlot	372.19	288.71	301.33
Petite Sirah	306.90	299.91	300.41
Pinot Noir	314.27	274.34	264.50
Pinot St. George	290.42	249.43	244.44
Ruby Cabernet	243.75	225.00	225.00
Tinta Madeira	225.00	225.00	225.00
Valdepenas	-	250.00	-
Zinfandel	318.35	323.51	196.45
DISTRICT 8 2/			
Wine Type (White)			
Chardonnay	725.01	650.04	731.61
Chenin Blanc	492.24	477.40	404.99
Emerald Riesling	-	-	325.00
French Colombard	388.45	400.00	400.00
Gewurztraminer	674.01	679.62	699.65
Gray Riesling	479.12	470.00	468.12
Muscat Blanc	-	533.00	575.00
Pinot Blanc	540.76	550.00	-
Sauvignon Blanc	545.68	559.12	601.73
Sauvignon Vert	386.61	557.00	-
Semillon	409.95	297.52	302.42
Sylvaner	462.70	450.00	438.81
White Riesling	509.37	507.60	565.24
DISTRICT 8 2/ (Cont'd)			
Wine Type (Black)			
Barbera	287.17	100.00	150.00
Cabernet Sauvignon	352.69	367.40	390.00
Gamay (Napa)	335.81	223.54	352.00
Gamay Beaujolais	292.94	349.58	282.89
Merlot	372.19	375.70	389.01
Petite Sirah	306.90	333.26	454.99
Pinot Noir	314.27	303.32	377.35
Zinfandel	318.35	364.74	382.53
DISTRICT 9 3/			
Table Type			
Concord	-	-	225.00
Wine Type (White)			
Chardonnay	285.10	323.87	320.72
Chenin Blanc	284.75	290.42	262.34
French Colombard	251.46	253.04	273.81
Gray Riesling	259.47	250.00	250.00
Orange Muscat	160.00	160.00	-
Pinot Blanc	250.00	250.00	250.00
Sauvignon Blanc	258.16	305.54	-
Semillon	186.89	250.70	250.54
White Riesling	261.97	220.73	272.54
Wine Type (Black)			
Barbera	164.75	169.67	149.22
Cabernet Sauvignon	189.84	167.82	177.07
Carnelian	140.51	130.81	131.17
Early Burgundy	180.00	180.00	-
Gamay (Napa)	182.82	178.10	126.80
Grenache	125.82	135.71	121.81
Merlot	189.20	169.27	175.00
Petite Sirah	176.99	177.92	167.77
Ruby Cabernet	154.27	136.21	152.99
Zinfandel	185.06	187.91	166.18
DISTRICT 10 3/			
Wine Type (White)			
Chardonnay	285.10	736.59	751.05
Chenin Blanc	284.75	427.25	525.00
White Riesling	261.97	600.00	-
Wine Type (Black)			
Barbera	164.75	394.74	400.00
Cabernet Sauvignon	189.84	501.41	496.44
Mission	160.36	287.66	-
Petite Sirah	176.99	175.00	-
Zinfandel	185.06	439.32	445.03
DISTRICT 11 3/			
Raisin Type			
Thompson Seedless	159.85	150.00	150.00
Table Type			
Tokay	150.05	175.02	173.40
Wine Type (White)			
Burger	161.44	183.07	177.12
Chardonnay	-	-	408.25
Chenin Blanc	284.75	270.46	263.94
Emerald Riesling	250.00	248.34	248.90
French Colombard	251.46	247.57	246.31
Gray Riesling	259.47	268.80	259.11
Palomino	150.29	154.57	145.46
Sauvignon Blanc	258.16	260.00	277.12
Semillon	186.89	243.19	240.00
Wine Type (Black)			
Alicante Bouschet	-	-	185.00
Barbera	164.75	143.82	162.71
Black Malvoisie	140.00	135.80	140.82
Cabernet Sauvignon	189.84	181.82	185.58
Carignane	138.38	144.28	144.36
Carnelian	140.51	140.00	145.00
Centurian	-	-	145.00

(Continued)

TABLE 24. GRAPES FOR CRUSHING, WEIGHTED AVERAGE BASE PRICE* PAID TO GROWERS, BY DISTRICT, BY TYPE AND VARIETY, CALIFORNIA 1978-80 (Cont'd)

District, Type and Variety	1978	1979	1980
	Dollars per ton - delivered winery		
DISTRICT 11 3/ (Cont'd)			
Wine Type (Black) (Cont'd)			
Gamay (Napa)	182.82	174.10	148.27
Grenache	125.82	140.00	90.00
Mataro	140.00	145.00	-
Merlot	180.20	136.13	-
Mission	160.36	126.77	125.69
Petite Sirah	176.99	155.05	141.77
Royalty	160.00	127.83	119.25
Rubired	105.19	116.24	119.12
Ruby Cabernet	154.27	149.52	154.87
St. Macaire	140.00	140.00	145.00
Zinfandel	185.06	172.50	171.16
DISTRICT 12			
Raisin Type			
Thompson Seedless	151.89	151.17	146.98
Table Type			
Black Prince	100.00	125.00	-
Tokay	150.00	175.00	150.00
White Malaga	150.00	150.00	150.00
Ribier	150.00	133.09	150.00
Wine Type (White)			
Chardonnay	343.46	250.00	274.14
Chenin Blanc	250.75	248.50	241.97
Emerald Riesling	240.00	240.00	240.00
French Colombard	239.72	236.41	239.81
Green Hungarian	-	323.01	325.00
Malvasia Bianca	200.00	200.07	200.20
Muscat Blanc	158.78	250.00	213.39
Palomino	150.06	150.69	150.50
Pinot Blanc	240.00	240.00	240.00
St. Emilion	160.00	132.66	170.45
Sauvignon Blanc	250.00	250.06	250.00
Semillon	230.00	229.78	225.85
Sylvaner	240.00	240.00	240.00
White Riesling	250.00	150.00	265.00
Wine Type (Black)			
Alicante Bouschet	104.75	105.00	85.18
Barbera	151.07	151.93	149.00
Beclan	140.00	140.00	125.00
Black Malvoisie	110.00	115.00	115.00
Blue Elbe	100.00	100.00	100.00
Cabernet Sauvignon	177.75	158.10	166.55
Carignane	118.79	124.81	127.52
Carnelian	119.10	118.17	127.53
Gamay (Napa)	150.00	150.00	143.18
Grenache	124.73	135.04	146.25
Malbec	225.94	219.65	207.03
Mission	110.00	115.26	126.73
Nebbiolo	140.00	140.00	125.00
Petite Sirah	150.33	138.12	145.11
Royalty	105.57	120.06	117.02
Rubired	101.17	118.26	120.49
Ruby Cabernet	138.41	136.05	134.59
St. Macaire	110.00	125.00	129.55
Salvador	100.00	115.00	119.68
Souzao	125.00	125.00	129.92
Tinta Madeira	141.12	140.00	133.23
Valdepenas	110.07	124.85	126.72
Zinfandel	158.43	158.93	152.30
DISTRICT 13			
Raisin Type			
Black Corinth (Zantes)	150.00	150.00	150.00
Muscat	160.38	162.07	157.66
Sultana	151.01	150.70	149.05
Thompson Seedless	152.40	150.47	147.09
Packinghouse Culls	150.00	99.44	68.47
Table Type			
Almeria	-	-	78.40
Black Monukka	112.20	100.01	111.99
Calmeria	137.39	75.30	68.95
Cardinal	140.75	75.82	99.98
Cornichon	100.00	100.00	100.00
Emperor	137.58	95.27	59.77
Italia	147.19	153.51	**3.00
Perlette	155.00	150.00	-
Queen	100.00	91.48	62.74
Red Malaga	96.37	76.59	98.53
Ribier	133.42	90.79	69.39
White Malaga	150.19	150.34	147.92
Packinghouse Culls	95.83	82.46	-
Wine Type (White)			
Burger	150.00	150.00	150.00
Chardonnay	368.78	377.86	279.44
Chenin Blanc	239.47	240.39	239.12
Emerald Riesling	199.47	221.41	205.04
Feher Szagos	150.00	149.52	149.02
French Colombard	229.51	230.13	230.28
Gray Riesling	-	350.00	-
Green Hungarian	-	175.00	-
Malvasia Bianca	203.12	176.12	180.56
Muscat Blanc	214.97	242.08	235.08
Orange Muscat	-	-	253.29
Palomino	149.72	149.59	148.33
St. Emilion	163.67	167.10	164.93
Semillon	190.44	210.59	215.06
Wine Type (Black)			
Aleatico	130.00	182.40	184.00
Alicante Bouschet	97.59	101.12	77.88
Aramon	-	100.00	-
Barbera	121.69	128.13	127.98
Beclan	115.00	115.00	100.00
Black Malvoisie	95.24	108.48	101.64
Cabernet Sauvignon	151.30	113.42	150.00
Carignane	108.69	112.57	117.16
Carnelian	104.65	109.57	96.27
Centurian	114.60	113.35	102.64
Gamay (Napa)	119.85	115.00	125.00
Grenache	118.38	121.67	128.72
Mission	109.87	113.62	124.25
Nebbiolo	121.59	108.79	100.00
Petite Sirah	130.01	112.77	90.56
Pinot Noir	150.00	150.00	-
Royalty	109.37	123.91	115.96
Rubired	112.81	124.41	113.74
Ruby Cabernet	113.98	112.77	111.70
Salvador	114.02	126.08	111.00
Souzao	130.57	-	135.00
Tinta Madeira	113.40	116.00	122.26
Touriga	100.00	114.53	100.00
Valdepenas	100.00	104.38	96.07
Zinfandel	111.93	109.08	132.20
DISTRICT 14			
Raisin Type			
Muscat	151.94	160.28	158.00
Thompson Seedless	153.54	153.19	150.09
Table Type			
Almeria	149.75	100.00	125.00
Calmeria	139.09	102.97	123.16
Cardinal	140.45	150.00	98.88
Emperor	114.09	100.00	108.60
Exotic	134.34	109.62	**3.50
Golden Muscat	-	-	142.50
Italia	148.33	178.40	145.20
Perlette	154.90	-	150.00
Queen	146.53	-	125.00
Red Malaga	145.37	125.00	100.00
Ribier	128.86	115.22	107.26
Superior Seedless	-	150.00	100.00
Tokay	154.15	157.00	150.00
White Malaga	147.79	152.56	146.18

(Continued)

TABLE 24. GRAPES FOR CRUSHING, WEIGHTED AVERAGE BASE PRICE* PAID TO GROWERS, BY DISTRICT BY TYPE AND VARIETY, CALIFORNIA 1978-80 (Cont'd)

District, Type and Variety	1978	1979	1980
	Dollars per ton - delivered winery		
DISTRICT 14 (Cont'd)			
Wine Type (White)			
Burger	147.95	171.10	174.51
Chardonnay	250.00	307.35	250.00
Chenin Blanc	240.35	236.69	226.26
Emerald Riesling	199.61	200.03	193.72
Flora	150.00	150.00	150.00
French Colombard	230.47	227.33	216.00
Gewurztraminer	250.00	400.00	250.00
Gray Riesling	171.62	177.20	175.51
Green Hungarian	258.68	281.58	163.63
Malvasia Bianca	287.42	286.92	200.00
Muscadella du Bordelais	155.00	160.00	-
Palomino	132.90	150.00	150.00
Pedro Ximenes	155.00	150.00	150.00
Peverella	149.25	150.00	150.00
St. Emilion	156.01	172.82	177.84
Semillon	176.91	193.69	185.55
Sylvaner	163.88	156.79	150.00
White Riesling	NA	175.00	222.27
Wine Type (Black)			
Aleatico	115.00	100.00	-
Alicante Bouschet	119.84	-	69.00
Aramon	115.00	107.93	**3.50
Barbera	106.77	106.73	106.51
Black Malvoisie	115.00	104.56	104.09
Cabernet Sauvignon	108.98	101.89	102.54
Carignane	103.48	105.73	109.82
Carnelian	111.34	101.22	96.18
Centurian	110.65	100.07	-
Gamay (Napa)	115.00	100.00	100.00
Gamay Beaujolais	115.00	106.47	100.00
Grenache	111.69	111.18	116.84
Grignolino	125.00	125.00	-
Mission	108.23	109.55	104.09
Nebbiolo	107.83	100.00	79.87
Perelli 101	125.00	125.00	**3.00
Petite Sirah	105.61	104.17	96.99
Royalty	123.80	124.34	120.20
Rubired	116.21	121.17	113.06
Ruby Cabernet	109.50	104.37	98.45
Salvador	121.44	124.18	107.73
Souzao	115.00	105.00	100.00
Tinta Madeira	112.85	104.03	111.67
Valdepenas	100.00	105.77	109.04
Zinfandel	112.12	100.46	104.04
DISTRICT 15 4/			
Table Type			
Black Prince	110.00	114.46	-
White Malaga	150.00	144.51	115.00
Wine Type (White)			
Burger	150.06	136.55	150.00
Muscat Blanc	160.00	150.00	160.00
DISTRICT 15 4/ (Cont'd)			
Wine Type (White) (Cont'd)			
Palomino	150.05	150.35	150.00
Pedro Ximenes	150.00	150.00	150.00
Wine Type (Black)			
Aleatico	100.00	144.52	110.00
Alicante Bouschet	107.38	111.95	110.00
Aramon	100.00	110.00	110.00
Carignane	119.02	110.22	110.00
Grenache	115.17	114.92	110.00
Mataro	105.04	112.34	110.00
Mission	112.89	112.54	109.97
Pinot St. George	300.00	110.00	-
Rubired	110.82	115.00	110.00
Ruby Cabernet	-	101.34	-
Salvador	110.00	110.00	110.00
Zinfandel	123.81	109.14	110.00
DISTRICT 16 4/			
Table Type			
Superior Seedless	157.00	150.00	100.00
Wine Type (White)			
Chardonnay	446.47	614.00	494.11
Chenin Blanc	454.40	373.05	404.39
Emerald Riesling	270.95	290.00	-
Pinot Blanc	460.00	475.00	450.00
St. Emilion	388.00	400.00	400.00
Sauvignon Blanc	473.10	588.00	498.25
White Riesling	374.54	375.52	411.81
Wine Type (Black)			
Cabernet Sauvignon	261.03	232.13	250.28
Gamay Beaujolais	200.00	218.00	179.21
Mission	112.89	102.40	-
Petite Sirah	203.42	228.72	179.21
Pinot St. George	300.00	218.00	-
Zinfandel	123.81	222.11	360.00
DISTRICT 17 5/			
Wine Type (White)			
Chenin Blanc	284.75	290.42	318.89
French Colombard	251.46	253.04	250.00
Gray Riesling	259.47	250.00	280.16
Sauvignon Blanc	258.16	305.54	293.38
Wine Type (Black)			
Barbera	164.75	169.67	180.00
Cabernet Sauvignon	189.84	167.82	214.40
Early Burgundy	180.00	180.00	180.00
Gamay (Napa)	182.82	178.10	177.83
Merlot	189.20	169.27	242.62
Petite Sirah	176.99	177.92	213.46
Zinfandel	185.06	187.91	196.84

Source: Final Grape Crush Report, California Department of Food and Agriculture.

1/ Mendocino and Lake Counties averages shown for 1978.

2/ Central Coast - Southern Section averages shown for 1978.

3/ Lodi area averages shown for 1978.

4/ Southern California averages shown for 1978.

5/ Lodi area averages shown for 1978 and District 9 averages for 1979.

* Base prices are subject to adjustment to reflect quality of grapes when delivered. Adjustments principally reflect sugar content, but may reflect other quality factors such as defects or material other than grapes. The weighted average base price is an average of all base prices weighted by the tons purchased.

** Per degree Brix.

NA - Not available.

GRAPES FOR CRUSHING: State totals by type and variety, weighted average degrees Brix, and weighted average dollars per ton, 1979-80

Table 25.

Type and Variety	Total Tons Crushed		Ave. Brix Crushed		Total Tons Purchased		Ave. Brix Purchased		Wtd. Ave. Dollar Per Ton	
	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979
RAISIN GRAPES										
Black Corinth (Zantes)	434.5	832.9	21.9	21.8	401.8	640.5	22.0	22.4	150.00	150.00
Muscats	57,866.4	37,136.2	21.5	22.8	41,653.3	29,362.7	21.1	22.5	156.54	162.43
Sultanas	1,791.5	3,702.1	20.1	20.0	1,472.7	3,366.6	20.1	20.0	144.25	150.37
Thompson Royal	---	295.4	---	21.9	---	---	---	---	---	---
Thompson Seedless	706,126.1	650,397.1	19.1	20.8	517,714.4	485,660.3	19.3	20.9	143.99	151.16
Mixed Raisin	11,532.1	241.5	16.9	19.2	9,276.1	209.3	16.8	18.5	61.59	150.00
Total Raisin	777,750.6	699,886.3	19.3	20.9	570,518.3	524,412.4	19.4	21.0	143.57	151.19
TABLE GRAPES:										
Almeria	1,200.2	760.5	18.9	17.9	671.8	253.8	18.0	16.0	78.31	80.58
Black Monukka	81.8	174.5	19.6	19.7	81.8	174.0	19.6	19.7	104.18	101.14
Black Morocco	1/	---	1/	---	1/	---	1/	---	1/	---
Black Prince	117.7	188.4	23.6	21.6	25.4	131.2	21.7	21.2	99.02	120.01
Blackrose	375.7	56.8	21.9	21.7	---	---	---	---	---	---
Calmeria	7,551.8	5,629.3	20.4	19.9	4,524.6	2,030.3	20.5	19.1	91.99	91.41
Cardinal	2,543.9	3,146.0	19.7	19.1	1,401.5	1,921.6	19.9	18.7	95.35	99.82
Concord	147.8	70.9	18.0	18.0	147.8	1/	18.0	1/	225.00	225.00
Cornichon	72.5	48.8	20.9	20.0	71.5	48.8	20.9	20.0	100.00	100.00
Emperor	16,534.0	18,127.1	18.9	18.5	11,317.5	9,524.2	18.8	18.0	71.94	93.74
Exotic	1,596.6	1,124.4	21.2	19.8	47.6	201.5	16.5	19.8	57.75	94.34
Flame Seedless	542.7	122.6	23.0	22.2	---	91.6	---	22.5	---	111.55
Gold	1/	37.4	1/	22.1	---	---	---	---	---	---
Golden Muscat	1,809.3	470.0	22.5	19.3	842.8	---	23.8	---	144.02	---
Italia	1,612.8	1,398.4	20.7	21.6	1,119.0	709.0	20.5	21.3	133.85	161.25
Olivette Blanche	87.0	---	18.4	---	---	---	---	---	---	---
Perlette	713.3	539.3	18.8	19.9	713.3	453.6	18.8	20.6	150.00	150.00
Queen	708.0	303.3	20.9	19.7	396.2	32.9	20.7	19.2	83.26	89.07
Red Malaga	1,154.0	1,249.6	19.3	17.9	718.1	730.9	18.7	17.7	97.37	94.39
Ribier	13,101.9	14,419.1	19.6	19.1	7,345.9	7,487.6	19.3	18.9	81.85	104.06
Rish Baba	109.2	107.6	18.4	23.3	1/	---	1/	---	1/	---
Ruby Seedless	111.5	26.1	24.1	18.0	108.9	---	24.4	---	73.30	---
Seedless Emperor	---	143.7	---	21.8	---	143.7	---	21.8	---	108.85
Superior Seedless	2,481.3	1,561.5	18.3	18.2	2,478.7	1,552.7	18.3	18.2	105.00	150.00
Tokay	111,552.9	110,772.0	18.7	18.3	71,265.6	73,500.7	18.5	18.2	173.02	174.77
White Malaga	27,427.1	20,753.8	19.9	19.8	25,170.0	19,085.7	20.0	19.8	145.59	151.29
Mixed Table	4,320.1	409.8	18.2	20.4	3,549.5	322.0	18.1	20.5	57.89	101.70
Total Table	195,982.2	184,036.4	19.1	18.7	132,029.3	119,040.4	19.0	18.6	144.09	154.98
WINE GRAPES: (White)										
Burger	17,787.6	15,234.6	16.6	17.4	12,980.4	11,781.4	16.3	17.3	184.48	180.04
Chardonnay	31,808.1	31,913.4	22.7	22.1	22,650.6	22,413.5	22.8	22.3	905.30	783.82
Chenin Blanc	165,418.6	145,984.7	19.3	19.8	137,462.5	126,373.6	19.1	19.7	281.16	286.50
Emerald Riesling	26,111.6	21,255.9	19.5	20.8	23,608.2	19,335.8	19.2	20.7	207.80	223.97
Feher Szagos	2,102.7	2,413.2	18.1	17.4	1,522.4	1,727.3	17.9	17.4	149.02	149.52
Flora	2,905.8	2,462.2	21.0	21.4	2,312.8	1,989.2	20.9	21.3	221.28	219.62
Folle Blanche	616.8	801.0	19.1	18.2	1/	78.6	1/	19.3	1/	362.35
French Colombard	283,789.7	225,370.6	19.6	20.7	259,547.3	205,753.9	19.5	20.6	233.46	241.10
Gewürztraminer	5,534.1	8,828.9	22.2	21.8	3,830.0	6,284.0	22.2	21.9	740.21	732.22
Gray Riesling	8,311.5	9,518.2	20.3	20.6	6,651.0	7,386.9	20.2	20.4	403.24	429.30
Green Hungarian	3,378.7	2,689.0	18.1	18.2	3,054.5	2,610.3	18.2	18.2	302.53	362.59
Helena	94.4	147.8	18.8	20.2	---	---	---	---	---	---
Inzolia	219.2	---	19.5	---	217.1	1/	19.5	---	150.00	1/
Kleinberger	1/	---	1/	---	1/	---	1/	---	1/	---
Malvasia Bianca	7,820.0	6,884.6	19.6	21.1	7,737.6	6,138.7	19.5	21.2	209.35	227.89
Muscadelle du Bordelais	1/	275.8	1/	20.1	1/	275.8	1/	20.1	1/	259.29
Muscat Blanc	9,619.4	3,420.1	21.5	20.9	6,985.7	3,241.5	20.9	20.8	269.62	294.84
Orange Muscat	77.6	85.6	19.5	19.2	77.6	85.6	19.5	19.2	253.29	160.00
Palomino	32,923.4	25,332.6	18.4	19.2	29,533.6	21,926.5	18.3	19.2	156.45	158.70
Pedro Ximenes	1,927.3	1,366.6	18.5	20.7	1,891.8	1,247.4	18.5	20.7	143.85	150.00
Peverella	2,971.9	2,726.5	21.7	19.9	2,903.1	2,676.2	21.6	19.9	151.37	150.00
Pinot Blanc	3,390.9	5,344.5	21.0	20.6	1,770.1	2,726.3	20.8	20.7	517.96	524.49
Rhatsiteli	43.7	45.9	21.5	20.0	---	---	---	---	---	---
Sauvignon Blanc	18,204.4	16,168.0	22.0	22.1	15,273.3	13,541.6	21.8	22.1	492.13	488.42
Sauvignon Vert	2,642.8	2,699.2	20.7	21.6	2,242.7	2,360.7	20.6	21.9	276.72	293.20
Sémillon	15,798.4	13,749.4	18.9	19.8	13,841.0	11,391.3	18.5	19.6	237.75	255.96
St. Emilion (Ugni Blanc)	9,344.4	8,849.8	19.7	20.0	8,918.0	8,097.8	19.8	20.1	170.53	156.50
Sylvaner	3,741.0	5,830.9	21.1	20.9	2,220.4	3,746.1	21.0	20.7	380.27	380.34
Traminer	79.5	50.0	20.7	22.1	79.5	50.0	20.7	22.1	395.83	400.00
White Riesling	24,385.9	30,500.0	21.1	21.2	19,067.6	24,245.2	21.1	21.1	551.85	496.72
Mixed White	1,470.9	2,781.3	19.7	19.3	569.0	2,438.8	20.4	19.1	224.27	135.24
Total White	682,559.1	592,980.7	19.7	20.4	586,939.3	509,947.5	19.6	20.4	287.11	299.11

Source: Final 1980 Grape Crush Report, California Department of Food and Agriculture.

GRAPES FOR CRUSHING: State totals by type and variety, weighted average degrees Brix, and weighted average dollars per ton, 1979-80

Table 25. (cont'd)

Type and Variety	Total Tons Crushed		Ave. Brix Crushed		Total Tons Purchased		Ave. Brix Purchased		Wtd. Ave. Dollar Per Ton	
	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979
WINE GRAPES: (Black)										
Aleatico	642.8	663.7	21.1	22.4	640.6	662.7	21.1	22.5	139.34	145.62
Alicante Bouschet	12,708.3	3,234.2	20.4	20.5	7,551.9	2,085.3	20.4	20.7	76.90	115.41
Almission	44.5	---	22.6	---	44.5	---	22.6	---	100.00	---
Aramon	407.3	554.9	21.9	20.7	405.4	554.9	21.9	21.4	96.15	108.27
Barbera	165,749.4	137,339.3	22.1	23.0	150,812.1	125,304.2	22.0	23.0	127.45	128.14
Beclan	436.9	462.3	23.7	22.8	436.9	462.3	23.7	22.8	107.57	119.52
Black Malvoisie	2,501.3	2,693.3	22.1	22.8	2,188.1	2,216.0	22.0	22.7	114.89	110.15
Blaue Elbe	205.5	94.3	20.4	20.1	205.5	94.3	20.4	20.1	101.93	100.00
Cabernet Franc	301.0	118.5	24.2	23.6	223.5	71.4	24.6	24.0	554.63	843.04
Cabernet Sauvignon	63,657.6	82,710.8	23.3	22.6	43,784.0	59,389.5	23.3	22.7	405.57	335.70
Calzin	1/	48.0	1/	22.4	1/	26.1	1/	22.2	1/	269.96
Carignane	185,411.8	186,023.8	22.7	22.7	133,781.3	145,383.0	22.7	22.7	134.75	132.65
Carmine	143.8	---	23.2	---	143.8	---	23.2	---	75.00	---
Carnelian	23,236.8	20,044.7	22.5	23.4	16,248.5	17,474.7	22.5	23.5	97.80	109.50
Centurian	7,374.7	7,908.9	22.8	22.5	5,881.9	5,428.4	22.1	23.2	105.42	115.97
Charbono	469.9	385.2	21.0	20.9	299.2	255.6	21.5	21.3	425.85	430.51
Early Burgundy	1,949.2	1,927.7	22.2	22.6	1,681.8	1,314.2	22.2	22.8	278.88	315.42
Gamay (Napa)	26,298.0	23,973.4	21.0	20.8	19,829.4	19,000.0	20.9	21.1	275.01	270.08
Gamay Beaujolais	9,248.0	14,431.1	22.8	22.0	6,264.0	10,214.7	21.9	22.3	303.84	314.75
Grand Noir	125.9	79.5	24.2	20.9	107.5	76.6	24.3	20.8	318.89	210.47
Grenache	168,697.1	158,016.9	20.6	21.2	149,746.2	143,143.6	20.5	21.1	131.63	124.50
Grignolino	231.5	263.9	20.8	22.0	1/	193.9	21.3	21.4	227.14	160.52
Grillo	1/	1/	1/	1/	1/	---	1/	---	1/	---
Malbec	554.5	666.5	22.3	23.2	541.0	467.9	22.2	23.4	206.57	225.85
Mataro	1,287.8	1,200.7	22.1	24.2	959.6	955.5	22.2	24.4	124.60	134.22
Merlot	8,601.6	9,748.5	23.6	22.8	6,320.6	8,222.1	23.7	22.7	431.98	381.09
Mission	29,907.8	24,308.0	23.2	23.6	25,640.9	20,072.6	23.2	23.5	117.66	113.93
Muscat Hamburg	32.5	73.1	23.7	21.1	26.7	1/	23.9	1/	234.64	450.00
Nebbiolo	2,103.6	2,431.7	24.3	23.5	2,058.6	2,423.7	24.3	23.5	115.93	133.70
Perelli 101	2,279.1	1,816.7	21.5	21.6	1,671.4	1,816.7	21.8	21.6	65.40	126.51
Petite Bouschet	1/	1/	1/	1/	1/	1/	1/	20.6	1/	86.00
Petite Sirah	58,799.4	50,860.0	22.6	23.5	42,944.6	44,659.9	23.0	23.7	186.63	204.24
Pinot Noir	24,568.9	32,854.3	22.0	22.3	18,338.0	23,297.2	21.9	22.4	421.51	367.04
Pinot St. George	1,953.8	3,819.0	23.0	19.8	715.6	1,497.0	22.2	21.1	326.45	237.93
Raboso de Piave	1/	32.0	---	23.2	1/	32.0	1/	23.2	---	115.00
Refosco/Mondeuse	395.0	493.0	22.0	21.6	280.9	389.3	22.1	21.7	339.70	327.61
Royalty	17,420.8	14,751.2	21.6	23.3	11,150.9	12,269.8	21.8	22.9	114.41	125.11
Rubired	108,299.5	82,517.1	22.2	23.1	69,359.0	65,588.5	22.3	23.2	111.16	124.17
Ruby Cabernet	144,150.6	124,407.7	22.6	23.4	119,764.3	118,920.3	22.6	23.6	115.09	117.04
Salvador	18,314.0	13,420.2	20.8	20.9	15,065.8	13,321.1	20.5	20.9	104.24	124.58
Sangioveto	108.3	97.6	22.1	23.4	1/	39.8	22.1	22.5	415.00	226.51
Souzão	1,085.7	867.2	23.4	24.3	520.7	630.3	25.2	25.1	124.37	113.54
St. Macaire	1,141.6	1,027.3	22.7	22.4	1,133.1	1,017.0	22.7	22.4	132.88	126.84
Syrah/French Syrah-Shiraz	120.5	98.2	23.8	24.2	39.2	---	23.6	---	477.88	---
Tannat	1/	---	1/	---	1/	---	1/	---	1/	---
Tinta Madeira	2,400.1	6,406.2	23.2	22.1	1,851.9	5,564.7	23.4	22.3	131.02	121.37
Tinto Cao	1/	---	---	---	---	---	---	---	---	---
Touriga	2,106.4	537.2	22.8	23.4	503.0	501.3	24.5	23.5	100.00	114.53
Valdepeñas	20,536.2	15,488.8	23.0	22.6	20,031.3	14,871.4	23.0	23.0	111.34	118.77
Zinfandel	115,971.0	106,268.1	22.6	22.9	86.724.0	87,112.9	22.6	23.2	261.49	284.53
Mixed Black	7,428.5	4,075.9	20.7	22.0	3,480.6	3,152.0	21.3	22.2	113.47	147.49
Total Black	1,239,487.4	1,139,299.9	22.2	22.6	969,497.7	960,200.1	22.1	22.7	163.67	169.83
Total Wine	1,922,046.5	1,732,280.6	21.3	21.9	1,556,437.0	1,470,147.6	21.2	21.9	210.22	214.67
Total All Varieties	2,895,779.3	2,616,203.3	20.6	21.4	2,258,984.6	2,113,600.4	20.6	21.5	189.52	195.56

1/ State totals for this variety are less than 25 tons.

Source: Final 1980 Grape Crush Report, California Department of Food and Agriculture.

TABLE 26. CALIFORNIA WINE: U.S. BONDED WINERY PREMISES 1971-80

Year	California	New York	Ohio	Pennsylvania	Oregon	Michigan	New Jersey	Other States	All States
1971	241	36	27	5	10	13	13	93	438
1972	254	37	29	5	10	12	13	88	448
1973	274	39	29	7	12	11	15	93	480
1974	300	39	29	10	14	11	16	91	510
1975	321	38	32	13	15	10	15	102	546
1976	344	38	32	16	17	14	16	108	585
1977	352	38	34	22	19	18	15	121	619
1978	378	45	38	23	26	18	15	134	676
1979	406	48	40	26	31	18	15	140	724
1980	470	54	41	28	33	20	14	162 1/	822

Source: Prepared from reports of the Wine Institute and the Bureau of Alcohol, Tobacco and Firearms, U.S. Treasury Department.

1/ Includes Arkansas 9, Colorado 1, Connecticut 4, Delaware 1, Florida 5, Georgia 4, Hawaii 1, Idaho 2, Illinois 5, Indiana 9, Iowa 14, Kentucky 3, Maryland 11, Massachusetts 3, Minnesota 2, Mississippi 4, Missouri 19, New Hampshire 1, New Mexico 4, North Carolina 4, Oklahoma 4, Rhode Island 5, South Carolina 3, Texas 5, Vermont 1, Virginia 10, Washington 18, West Virginia 1, Wisconsin 9.

NOTE: Includes fermenters and other useable storage as of July 1.

TABLE 27. CALIFORNIA WINE: DISTRIBUTION OF STILL WINE IN CALIFORNIA, AND EXPORTS, BY MONTHS 1980, WITH COMPARISONS

Month	Not Over 14% Alcohol				Over 14% Alcohol				Total Sales in Calif.
	Calif. Sales	Exports	Total Calif.	Imports	Calif. Sales	Exports	Total Calif.	Imports	
	In 1,000 gallons								
January	6,760	15,773	22,533	415	561	3,127	3,688	57	7,793
February	5,080	15,334	20,414	377	601	2,616	3,217	62	6,120
March	8,041	16,447	24,488	548	729	2,758	3,487	58	9,376
April	5,923	15,163	21,086	619	642	2,672	3,314	86	7,270
May	7,247	17,027	24,274	544	595	2,618	3,213	74	8,460
June	6,615	15,183	21,798	636	703	2,764	3,467	63	8,017
July	7,031	15,291	22,322	669	710	2,273	2,983	65	8,475
August	6,460	17,051	23,511	620	480	2,741	3,221	53	7,613
September	6,407	13,350	19,757	746	596	2,097	2,693	52	7,801
October	8,155	21,997	30,152	830	789	3,602	4,391	83	9,857
November	6,243	16,635	22,878	611	563	2,742	3,305	89	7,506
December	7,430	17,239	24,669	841	705	2,369	3,074	114	9,090
Total	81,392	196,490	277,882	7,456	7,674	32,379	40,053	856	97,378
% of Total	83.6			7.6	7.9			.9	100.0

Source: Prepared from reports of the California State Board of Equalization, Dept. of Business Taxes, Excise Tax Unit, Sacramento, California.

TABLE 28. CALIFORNIA WINE: ESTIMATED SHIPMENTS OF BOTTLED CALIFORNIA GRAPE TABLE WINE TO U.S. MARKETS, BY COLOR CATEGORIES JANUARY-DECEMBER 1980, WITH COMPARISONS 1/2/

Color	1978		1979		1980		Change 1980 is from	
	Quantity	Percent of Total	Quantity	Percent of Total	Quantity	Percent of Total	1978	1979
	1,000 gallons		1,000 gallons		1,000 gallons		Percent	
Red	51,644	26.3	49,085	22.7	49,434	20.3	- 4.3	+ .7
Rose	51,054	26.0	53,016	24.5	56,017	23.0	+ 9.7	+ 5.7
White	93,665	47.7	114,187	52.8	138,020	56.7	+ 47.4	+ 20.9
Total	196,363	100.0	216,288	100.0	243,471	100.0	+ 24.0	+ 12.6

Source: Prepared from reports by the Wine Institute from confidential reports obtained from California wineries and reports of California Board of Equalization and Bureau of Alcohol, Tobacco and Firearms, U.S. Treasury Department.

1/ Color breakdown based on actual shipments reported by 27 of the 30 top ranking California wineries, as measured by 1979 calendar year estimated shipments of bottled California grape table wine. These 27 wineries accounted for 94.9% of the shipments of such wine during January-December 1980 by California wineries.

2/ These shipments during January-December 1980 are 95.3% of total California table wine shipments. Total table wine is shipments of all California unflavored still wine not over 14% alcohol to all markets.

TABLE 29. CALIFORNIA WINE: IMPORTS OF TABLE WINE INTO THE UNITED STATES, BY SPECIFIED COUNTRIES OF ORIGIN JANUARY-DECEMBER 1980, WITH COMPARISONS 1/2/

Country	All Table Wine 3/4/			Change 1980 is from		Percent of Total Table Wine in 1980
	1978	1979	1980	1978	1979	
	In 1,000 gallons			Percent		
Italy	39,442	43,191	54,259	+ 25.6	+ 37.6	61.3
France	13,964	12,882	11,381	- 11.7	- 18.5	12.8
Germany, Fed. Rep. of	13,781	11,684	11,659	- .2	- 15.4	13.2
Portugal	6,269	5,935	5,683	- 4.2	- 9.3	6.4
Spain	1,680	1,724	1,643	- 4.7	- 2.2	1.9
Other Countries	3,598	3,365	3,957	+ 17.6	+ 10.0	4.5
Total	78,714	78,781	88,582	+ 12.4	+ 12.5	100.0

Source: Prepared from reports of the Wine Institute and the Bureau of the Census, U.S. Department of Commerce.
1/ Imports for consumption.
2/ Sum of components is not equal to total in all cases as a result of rounding of individual figures.
3/ Bottled and bulk still wine not over 14% alcohol and other fermented alcoholic beverages from Japan believed to be unflavored fruit wine not over 14% alcohol.
4/ Includes sake.

TABLE 30. CALIFORNIA WINE: SHIPMENTS INTO ALL MARKETS, BY TYPES, BY MONTHS 1977-1980 1/

Month	1977	1978	1979	1980	1977	1978	1979	1980
	In 1,000 gallons							
	Table Wine				Dessert Wine			
January	16,340	17,942	20,461	22,544	4,551	4,481	3,856	3,756
February	14,151	14,621	18,397	20,348	3,919	3,854	3,406	3,210
March	22,470	22,827	25,439	24,392	5,271	4,742	4,111	3,480
April	17,925	20,023	20,031	21,001	4,448	4,795	3,666	3,296
May	16,463	19,148	20,669	24,205	4,617	4,407	3,984	3,207
June	18,009	19,433	20,827	21,731	4,700	3,914	3,390	3,459
July	17,132	18,236	18,904	22,279	4,130	3,503	3,434	2,976
August	18,114	18,569	20,724	23,419	4,102	4,109	3,542	3,216
September	18,580	19,324	19,989	19,689	4,346	4,077	3,564	2,685
October	18,638	21,422	24,241	30,035	5,063	3,853	3,650	4,368
November	19,047	19,772	22,021	22,761	4,821	3,626	3,645	3,291
December	19,293	19,035	19,067	24,555	4,525	3,830	3,137	3,060
Total	216,162	230,351	250,770	276,959	54,492	49,190	43,385	40,004
	Sparkling Wine				Total All Wine			
January	910	961	843	1,040	21,800	23,384	25,159	27,340
February	822	865	765	1,055	18,893	19,340	22,569	24,613
March	1,209	1,190	1,362	1,647	28,950	28,759	30,912	29,519
April	851	847	1,107	1,227	23,224	25,665	24,805	25,524
May	1,333	1,457	1,292	1,251	22,413	25,012	25,945	28,663
June	1,346	1,495	1,670	1,624	24,054	24,842	25,888	26,814
July	901	987	1,088	1,508	22,163	22,726	23,426	26,764
August	1,328	1,624	1,527	2,136	23,543	24,302	25,793	28,771
September	1,898	1,891	1,956	1,602	24,824	25,292	25,509	23,976
October	2,400	2,769	3,300	3,385	26,101	28,044	31,191	37,788
November	2,741	2,621	2,770	2,874	26,609	26,019	28,435	28,926
December	2,214	2,135	2,176	2,439	26,032	25,000	24,379	30,054
Total	17,953	18,842	19,856	21,788	288,606	298,383	314,011	338,752

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1/ Shipments of table, dessert and sparkling wines based on state tax-paid sales within California and tax-exempt sales to points outside of California.
NOTE: Columns will not necessarily add due to rounding.

TABLE 31. CALIFORNIA WINE: OUT OF STATE SHIPMENTS OF CALIFORNIA WINE, BY TYPE OF CARRIER, BY MONTHS, 1980

Month	Rail 1/						Truck 2/						Boat 2/						Total
	Package		Bulk		Total		Package		Bulk		Total		Package		Bulk		Total		
	1,000 Gals.	Percent of Total	1,000 Gals.	Percent of Total	1,000 Gals.	Percent of All Carriers	1,000 Gals.	Percent of Total	1,000 Gals.	Percent of Total	1,000 Gals.	Percent of All Carriers	1,000 Gals.	Percent of Total	1,000 Gals.	Percent of Total	1,000 Gals.	Percent of All Carriers	1,000 Gals.
Jan.	12676	91.8	1127	8.2	13803	77.5	3308	95.3	164	4.7	3472	19.5	530	100.0	-	0.0	530	3.0	17805
Feb.	13796	92.8	1070	7.2	14866	76.0	2930	85.2	511	14.8	3441	17.6	1255	100.0	-	0.0	1255	6.4	19562
Mar.	13064	94.7	733	5.3	13797	73.1	3167	85.9	522	14.1	3689	19.6	1375	100.0	-	0.0	1375	7.3	18861
Apr.	12697	92.5	1029	7.5	13726	78.8	2393	82.8	498	17.2	2891	16.6	739	91.8	66	8.2	805	4.6	17422
May	12774	93.4	909	6.6	13683	76.8	3103	86.4	488	13.6	3591	20.2	506	94.1	32	5.9	538	3.0	17812
June	12981	95.9	559	4.1	13540	76.3	2865	85.6	484	14.4	3349	18.9	822	97.2	24	2.8	846	4.8	17735
July	12209	95.6	566	4.4	12775	74.5	3223	86.1	521	13.9	3744	21.8	590	94.4	35	5.6	625	3.7	17144
Aug.	15267	98.0	310	2.0	15577	78.6	2920	84.7	528	15.3	3448	17.4	777	98.0	16	2.0	793	4.0	19818
Sept.	12950	97.1	391	2.9	13341	81.7	1874	82.6	388	17.4	2262	13.8	720	97.8	16	2.2	736	4.5	16339
Oct.	19260	94.6	1109	5.4	20369	76.6	4701	96.4	178	3.6	4879	18.4	1299	97.8	29	2.2	1328	5.0	26576
Nov.	15763	96.1	639	3.9	16402	76.3	4021	95.5	189	4.5	4210	19.6	886	100.0	-	0.0	886	4.1	21498
Dec.	13967	95.1	714	4.9	14681	75.4	4125	96.0	170	4.0	4295	22.1	489	99.2	4	0.8	493	2.5	19469
TOTAL	167404	94.8	9156	5.2	176560	76.8	38630	89.3	4641	10.7	43271	18.8	9988	97.8	222	2.2	10210	4.4	230041

Source: Compiled by the San Francisco office of the Federal-State Market News Service from reports of railroads and 38 top ranking California wineries.

1/ Rail figures reported on a per ton basis. Tons are converted to gallons using a factor of 133.33 gallons per ton for packages and 240.96 gallons per ton for bulk.

2/ Truck and boat figures reported on a per gallon basis.

TABLE 32. CALIFORNIA WINE: BULK PRICES, BY TYPE, WEEKLY, 1980-81 MARKETING SEASON

Week Ending	Dessert Wine					Table Wine 1/	
				Port		Dry	
	Sherry	Tokay	Muscatel	Red	White	Red	White
	Dollars per gallon 2/						
1980							
Apr. 5	1.75-1.85	-	2.10 3/	1.75	2.24	1.00	1.40
12	1.95 5/	2.11	-	1.75	-	.95-1.07	1.55 7/
19	1.75-1.80	-	-	-	-	-	1.45
26	1.50-1.75	-	1.95	1.95 6/	-	1.10 4/	1.50
May 3	1.90 5/	-	-	1.70	1.85	1.10 4/	1.40
10	1.75-1.80	-	-	-	-	1.00-1.07½	1.40
17	1.85	-	-	1.65	-	1.00	1.50
24	1.80	2.11	2.30	-	-	1.00-1.15	1.50
31	1.75-1.80	-	-	-	-	1.05	1.50
June 7	1.85	2.11	-	-	2.24	1.05	1.40
14	1.75	2.11	2.10	1.75	2.24	1.00	1.40
21	1.75	-	-	1.65	1.90-2.24	-	1.40-1.50
28	1.75	2.19	2.10	1.75	2.24	1.10 4/	1.40-1.50
July 5	1.90 5/	-	2.00	-	1.85	-	1.50
12	1.80	-	-	1.75	-	1.07	1.50
19	1.75	2.19	2.10	-	1.90-2.24	1.00	1.40-1.50
26	2.00 5/	2.19	2.10	1.65	-	1.10 4/	1.40-1.50
Aug. 2	1.75	2.19	-	1.75	-	1.00-1.07½	1.35-1.40
9	1.80	-	-	-	-	1.15 4/	1.35-1.50
16	-	2.19	-	1.75	-	1.10 4/	1.35
23	1.75-1.80	-	2.10	1.70-1.75	-	1.15 4/	1.40-1.45
30	1.75	-	2.00-2.20 3/	-	2.23	1.00-1.10	1.40
Sept. 6	-	2.19	1.87	-	2.24	-	1.40
13	-	-	-	-	-	1.10 4/	1.40-1.50
20	-	2.19	2.10	1.75	-	1.15 4/	1.35-1.50
27	1.65-1.80	2.19	-	1.65	-	1.15 4/	1.35-1.45
Oct. 4	1.78-1.80	2.19	-	-	-	1.10 4/	1.40
11	1.75	2.19	-	-	-	1.05-1.10	1.40
18	1.78	2.19	-	-	2.23	1.00-1.07½	1.30-1.40
25	1.78	2.19	1.95	1.75	-	.95	1.40-1.45
Nov. 1	1.75	2.19	-	1.75	-	1.00	1.35-1.40
8	1.75	2.19	2.00-2.10	1.75	1.85	1.60 8/	1.40
15	1.78-1.80	-	2.10	-	-	1.07½	1.30-1.45
22	1.80	2.19	-	-	-	-	1.40
29	2.20 5/	2.19	-	-	-	1.40 8/	1.40
Dec. 6	1.87½	-	-	-	-	-	1.40-1.45
13	-	2.19	2.10	1.75	1.90	1.00-1.05	1.40
20	1.75	2.40	-	-	1.90	1.10	1.40
27	-	-	-	-	-	1.00	1.40
1981							
Jan. 3	1.75-1.80	2.40	-	-	-	1.10-1.15	1.40
10	1.75	2.40	2.19	-	-	1.00-1.10	1.40
17	1.75	-	-	1.65	1.75-1.80	-	1.40
24	1.75	2.30	-	-	-	1.00	1.40
31	1.90	2.30	-	1.80	-	1.15	1.26½-1.45
Feb. 7	1.87½	2.30	-	1.65	1.90	1.00-1.15	1.40-1.45
14	1.80	2.30	1.95-2.00	-	1.85	1.05-1.15	1.40
21	1.75	-	-	-	-	-	1.40
28	1.78	2.30	2.00	1.65	-	1.05	1.26½
Mar. 7	1.80	-	2.00 3/	-	-	1.08	1.26½
14	-	-	2.05 3/	-	-	1.15	1.17½-1.26½
21	1.75-1.78	-	2.00	1.75	-	1.10-1.20	1.40
28	1.85 5/	2.30	2.00	1.85	-	1.10	1.45

Compiled from Weekly Bulk Wine Information Bulletins, Federal-State Market News Service, San Francisco, California.

1/ Principally blends of San Joaquin Valley wines.

2/ Generally represents the "mostly" price. Prices to the bottling trade are based on standard quality, naked wine, before taxes, in tank carlots, f.o.b. winery. Not included are wines of better than average quality, special types, vintage wines unless indicated, etc.

3/ 100% Muscat.

4/ Better than average quality.

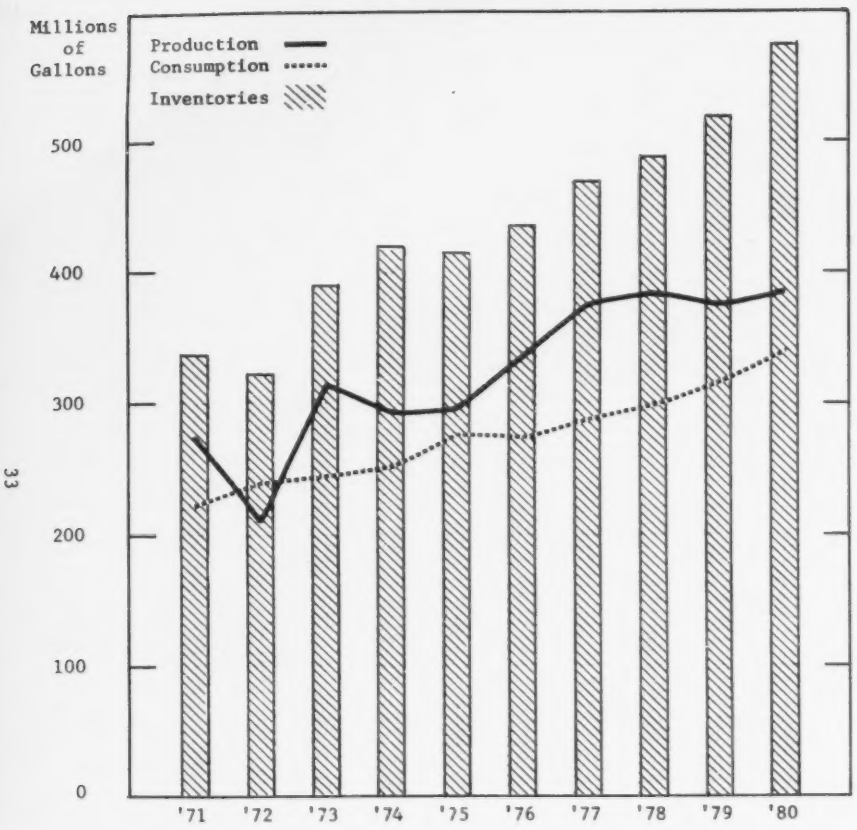
5/ Cream Sherry

6/ Kosher Port.

7/ Chablis.

8/ Cabernet Sauvignon.

CALIFORNIA WINE: PRODUCTION 1/2/ CONSUMPTION AND INVENTORIES, 1971-1980

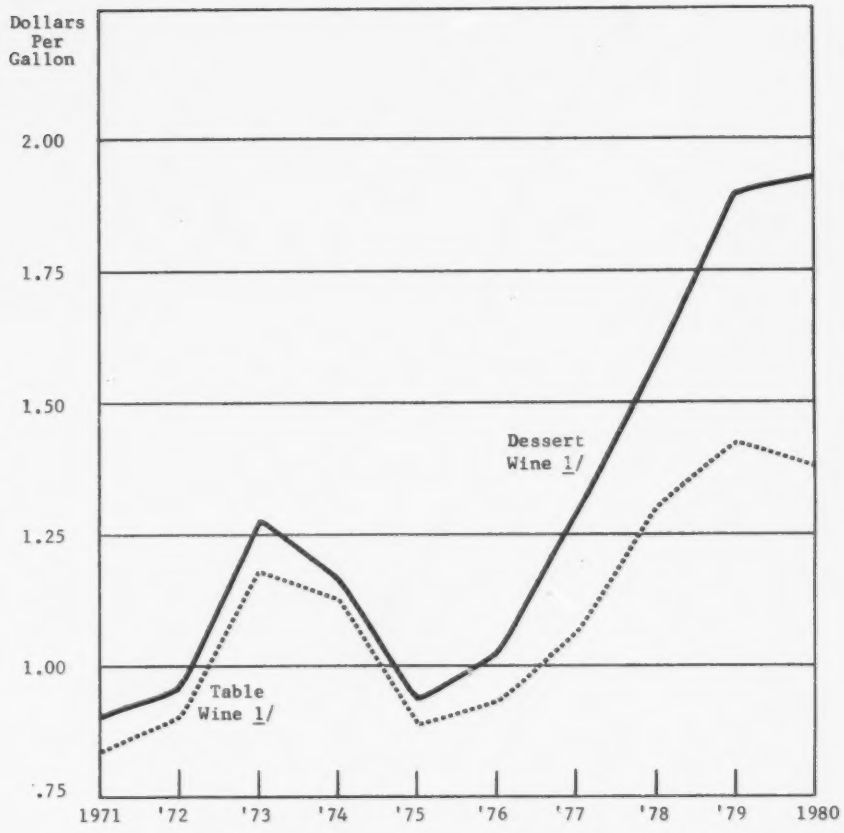


Source: Prepared from material of the Wine Institute and reproduced with their permission, and reports of the U.S. Treasury Department and the California Board of Equalization.

1/ Gross wine production is quantity of wine removed from fermentor plus increases after fermentation by amelioration, sweeting, and addition distilling material produced.

2/ Crop year is July 1-June 30.

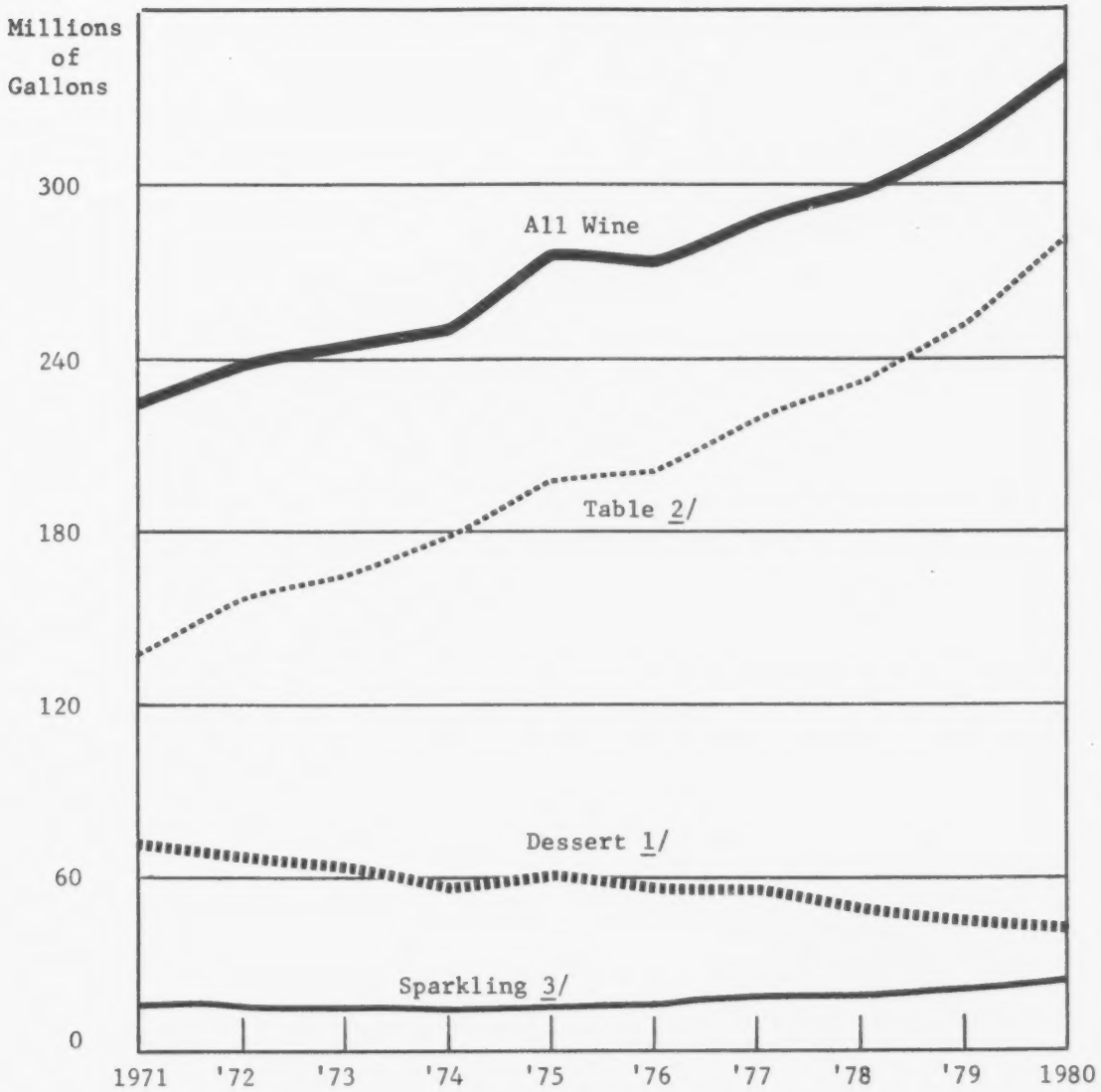
CALIFORNIA WINE: TABLE AND DESSERT BULK SALES, 1971-1980



Source: Federal-State Market News Service.

1/ Prices are weighted averages. Prices are for sales to bottlers of standard quality California wines, in tank car and less than tank carlots, and before taxes and California Wine Marketing Order assessments.

CALIFORNIA WINE: SHIPMENTS TO ALL MARKETS
BY TYPE, 1971-1980



Source: Federal-State Market News Service.

1/ Includes dessert wine, vermouth and other special natural still wine over 14% alcohol by volume.

2/ Includes table wine and other special natural still wine not over 14% alcohol by volume.

3/ Includes all naturally fermented and artificially carbonated sparkling wines. Other special natural sparkling wines are included.

CALIFORNIA JUICE GRAPES, 1980 MARKETING SEASON 1/

Harvest season was generally late and open weather conditions prevailed during the season. Difficulty in securing desired sugar levels was reported on all varieties. Early estimates of a smaller crop were changed in midseason after favorable weather conditions allowed continual harvest. The 1980 crop size was finally determined to have exceeded the large crop of 1979, with a limited volume moving to other users.

Shipments: Initial movement of supplies to market took place on September 5, one day later than the previous year. The volume of white varieties exceeded the previous year and black varieties and mixed rail manifests of black and white varieties were lighter than the previous year. Overall shipments were about 3% more than last year. Black juice shipments totaled 3.2 million 36 pound lugs, white juice shipments totaled 1.4 million 36 pound lugs and mixed juice shipments totaled 1.8 million 36 pound lugs for a grand total of 6.4 million 36 pound lugs for the 1980 season.

Prices: First f.o.b. report was issued on September 15, five days later than last year. Last f.o.b. report was issued on October 10, five days later than the 1979 season.

F.o.b. price ranges, all districts, 36 pound lidded lug per ton:

Variety	1980 Season	1979 Season
	Dollars per ton	
Muscat	300.00-375.00	365.00-400.00
Alicante	275.00-375.00	375.00
Carignane	275.00-350.00	325.00-355.00
Grenache	275.00-350.00	325.00-355.00
Zinfandel	350.00-410.00	390.00-400.00
Mission	325.00-360.00	340.00-355.00

1/ Juice grapes are those California grapes marketed mostly for home wine making. They are usually packed in 36 and 42 pound lidded lugs and shipped out of California.

TABLE 33. JUICE GRAPES: RAIL AND TRUCK SHIPMENTS, BY DISTRICTS, BY MONTHS, CALIFORNIA 1980 AND COMPARISONS FOR 1979

Type, District and Carrier	1,000 Hundredweight				Equivalent 1,000 36 Pound Lugs	
	September	October	November	Total	1980	1979
BLACK JUICE						
Northern California						
Rail - Mechanical	116.4	69.4	-	185.8	516	558
" - Van	-	-	-	-	-	20
Truck	238.0	110.1	-	348.1	967	1,071
Total	354.4	179.5	-	533.9	1,483	1,649
Central California						
Rail - Mechanical	115.3	117.8	2.4	235.5	654	729
" - Van	.7	1.6	-	2.3	7	85
Truck	193.8	184.0	3.2	381.0	1,058	803 1/
Total	309.8	303.4	5.6	618.8	1,719	1,617
Total Black Juice						
Rail - Mechanical	231.7	187.2	2.4	421.3	1,170	1,287
" - Van	.7	1.6	-	2.3	7	105
Truck	431.8	294.1	3.2	729.1	2,025	1,874 1/
Total	664.2	482.9	5.6	1,152.7	3,202	3,266
WHITE JUICE						
Central California						
Rail - Mechanical	154.9	55.8	-	210.7	585	426
" - Van	1.1	1.1	-	2.2	6	38
Truck	152.4	131.4	.8	284.6	791	529
Total	308.4	188.3	.8	497.5	1,382	993
MIXED JUICE						
Northern California						
Rail - Mechanical	.8	-	-	.8	2	-
" - Van	.4	-	-	.4	1	7
Total	1.2	-	-	1.2	3	7
Central California						
Rail - Mechanical	323.8	313.6	.8	638.2	1,773	1,698
" - Van	5.9	10.5	-	16.4	45	199
Total	329.7	324.1	.8	654.6	1,818	1,897
Southern California						
Rail - Mechanical	11.2	-	-	11.2	31	60
" - Van	1.2	.4	-	1.6	4	-
Total	12.4	.4	-	12.8	35	60
Total Mixed Juice						
Rail - Mechanical	335.8	313.6	.8	650.2	1,806	1,758
" - Van	7.5	10.9	-	18.4	51	206
Total	343.3	324.5	.8	668.6	1,857	1,964
TOTAL JUICE GRAPES						
Rail - Mechanical	722.4	556.6	3.2	1,282.2	3,562	3,471
" - Van	9.3	13.6	-	22.9	63	349
Truck	584.2	425.5	4.0	1,013.7	2,816	2,403 1/
Total	1,315.9	995.7	7.2	2,318.8	6,441	6,224

Compiled from Fresh Fruit and Vegetable Shipments FVUS-7, U.S. Department of Agriculture, Agricultural Marketing Service, Washington, D.C.

1/ Figures corrected from 1979 summary.

TABLE 34. JUICE GRAPES: PRICES F.O.B. SHIPPING POINT, BY DISTRICT, BY VARIETY, CALIFORNIA, 1980 SEASON 1/

Date	Central San Joaquin Valley District				Kern District - Delano Section			
	Dollars per ton - 36 pound lidded lugs							
	Muscat	Alicante	Carignane	Grenache	Muscat	Alicante	Carignane	Grenache
Sept. 22	375	375						
23	365-375	365-375			360-375	360-375	335-340	325-350
24	365-375	365-375	325-350	335-350	350-375	350-375	325-340	325-350
25	350-365	350-365	335-350	325-350	350-375	350-375	325-340	325-350
26	350-365	350-365			350	350	325	325
29	350	350	335-350	325-350	350	350	325	325
30	350	350	325-350	325-350	350	350	325	325
Oct. 1	325-350	350	300-325	300-325	325-350	325-350	300-325	300-325
2	325-350	325-350	300-325	300-325	325-350	325-350	300-325	300-325
3	325-350	325-350		300-350	325-350	325-350	300-325	300-325
6	300-350	300-350		300-325	300-325	325	300-325	300-325
7	300-325	300-325		300-325	300-325	300-325	300-325	300-325
8	300-325	300-325		300-325	300-325	300-325	300-325	300-325
9	300-325	300-325			300-325	300-325	300-325	300-325
10	300-325	300-325			300-325	300-325	300-325	300-325
	Last Report				Last Report			

Date	Lodi District						
	Dollars per ton - 36 pound lidded lugs						
	Alicante	Zinfandel	Barbera	Grenache	Mission	Carignane	Palomino
Sept. 15	375	410	350	350	360	335-350	375
16	375	410					
17	Unavailable due to absence of reporter.						
18	375	410	-	350	360	335-350	375
19	375	410	335	350	360	335-350	
22	375	410	325-335	350	360	335-350	
23	365-375	410	325-335	350	360	335-350	
24	365	400	-	335-350	350-355	335-350	
25	365	400	-	335-350	350-355	335-350	
26	350	390-410	-	335	335	335	
29	335-350	385	335-350	330-335	335-350	330-335	
30	335-350	385	335-350	330-335	325-335	330-335	
Oct. 1	335	375-400	325-335	325-335	325-335	325-335	
2	335	375-400	325-335	-	325-335	300-325	
3	325-335	375-400	325-335	300-325	325-335	300-325	
6	275-325	350-400		275-300		275-300	
7	275-325	350-400		275-300		275-300	
8	275-325	350-385		275-300		275-300	
9	275-325	350-390		-		275-300	
10	275-325	350-390		275-300		275-300	
	Last Report						

Compiled from daily Grape reports issued by the Federal-State Market News Service, Fresno, California.
1/ Prices listed represent the first quoted price or price range and do not include those prices listed as "few" or "occasional" unless otherwise stated.

TABLE 35. JUICE GRAPES: PIGGYBACK VAN, RAIL AND TRUCK UNLOADS, 41 U.S. AND 5 CANADIAN CITIES, BY MONTHS, FROM CALIFORNIA, 1980 MARKETING SEASON

City	September			October			November			Totals			Grand Total
	Van	Rail	Truck	Van	Rail	Truck	Van	Rail	Truck	Van	Rail	Truck	
	In 10,000 pound units												
EASTERN													
Albany, N.Y.	-	25	27	-	8	15	-	-	-	-	33	42	75
Balt., Md.-Wash., D.C.	-	-	8	-	-	4	-	-	-	-	-	12	12
Boston, Mass.	-	-	14	11	107	146	-	8	12	11	115	172	298
Buffalo, N.Y.	-	-	4	-	8	44	-	-	-	-	8	48	56
N.Y., N.Y.-Newark, N.J.	-	-	-	245	303	49	226	41	26	471	344	75	890
Philadelphia, Pa.	-	-	-	-	74	17	-	-	-	-	74	17	91
Pittsburgh, Pa.	-	16	32	47	-	87	-	-	-	47	16	119	182
Providence, R.I.	8	25	67	-	123	48	-	-	-	8	148	115	271
Total	8	66	152	303	623	410	226	49	38	537	738	600	1,875
MIDWESTERN													
Chicago, Ill.	-	-	-	-	-	117	-	-	-	-	-	117	117
Cincinnati, Oh.	-	-	4	-	16	5	-	-	-	-	16	9	25
Cleveland, Oh.	-	-	25	-	-	78	-	-	-	-	-	103	103
Detroit, Mich.	-	24	22	-	65	101	-	-	-	-	89	123	212
Indianapolis, Ind.	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas City, Mo.	-	-	8	-	-	-	-	-	-	-	-	8	8
Louisville, Ky.	-	-	-	-	-	1	-	-	-	-	-	1	1
Milwaukee, Wis.	-	-	-	-	-	-	-	-	-	-	-	-	-
Mpls.-St. Paul, Minn.	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Louis, Mo.	-	-	4	-	-	4	-	-	-	-	-	8	8
Total	-	24	63	-	81	306	-	-	-	-	105	369	474
SOUTHERN													
Atlanta, Ga.	-	-	-	-	-	1	-	-	-	-	-	1	1
Birmingham, Ala.	-	-	-	-	-	-	-	-	-	-	-	-	-
Columbia, S.C.	-	-	-	-	-	1	-	-	-	-	-	1	1
Dallas, Tex.	-	-	-	-	-	-	-	-	-	-	-	-	-
Ft. Worth, Tex.	-	-	-	-	-	-	-	-	-	-	-	-	-
Houston, Tex.	-	-	-	-	-	-	-	-	-	-	-	-	-
Memphis, Tenn.	-	-	-	-	-	-	-	-	-	-	-	-	-
Miami, Fla.	-	-	-	-	-	-	-	-	-	-	-	-	-
Nashville, Tenn.	-	-	-	-	-	-	-	-	-	-	-	-	-
New Orleans, La.	-	-	-	-	-	-	-	-	-	-	-	-	-
Oklahoma City, Okla.	-	-	-	-	-	-	-	-	-	-	-	-	-
San Antonio, Tex.	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	2	-	-	-	-	-	2	2
WESTERN													
Denver, Colo.	-	-	-	-	-	4	-	-	-	-	-	4	4
Los Angeles, Calif.	-	-	-	-	-	-	-	-	-	-	-	-	-
Portland, Oreg.	-	-	2	-	-	8	-	-	-	-	-	10	10
Salt Lake City, Ut.	-	-	-	-	-	-	-	-	-	-	-	-	-
San Fran.-Oakland, Calif.	-	-	-	-	-	-	-	-	-	-	-	-	-
Seattle-Tacoma, Wash.	-	-	10	-	-	19	-	-	-	-	-	29	29
Total	-	-	12	-	-	31	-	-	-	-	-	43	43
TOTAL UNITED STATES	8	90	227	303	704	749	226	49	38	537	843	1,014	2,394
CANADA													
Montreal, Que.	-	990	4	-	2,973	9	-	29	24	-	3,992	37	4,029
Ottawa, Ont.	-	60	15	-	257	37	-	-	-	-	317	52	369
Toronto, Ont.	-	1,374	87	-	4,074	140	-	-	-	-	5,448	227	5,675
Vancouver, B.C.	-	-	288	-	-	-	-	-	-	-	-	288	288
Winnipeg, Man.	-	-	16	-	-	192	-	-	-	-	-	208	208
Total	-	2,424	410	-	7,304	378	-	29	24	-	9,757	812	10,569
TOTAL U.S. & CANADA	8	2,514	637	303	8,008	1,127	226	78	62	537	10,600	1,826	12,963

Compiled from Fruit and Vegetable Unloads, issued by the U.S. Department of Agriculture, Agricultural Marketing Service, Fruit and Vegetable Division, Market News Branch, Washington, D.C.